

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





Wardwell's Kidney Wax Bush Beans, a most popular marketsort

Chaapel's Seed Store

GARDEN · FARM
AND
FLOWER SEEDS

Poultry Foods and Supplies

1915

41 East Third Street : WILLIAMSPORT, PA.

For the Family Garden, Market-Gardener and Farmer



WE take pleasure in offering you this Catalogue of reliable Garden, Farm and Flower Seeds, etc., believing it meets the wants of our local trade. Our desire is to serve the people in this district with good, honest seeds—a dollar's worth of value for every dollar spent. Our business is conducted on conservative lines, and our thirty-six years' experience in handling seeds should be a guarantee of reliable service, and that you will get just those seeds that will fulfill the promises made for them. We have the largest and most complete stock in this part of the state, of strictly the highest quality, selected with special care for our home trade. No better seeds than ours can be bought at any price, and no seeds of the same quality are sold cheaper.

**TESTED SEEDS
RELIABLE QUALITY
HONEST PRICES**

We trust you will glance over the following pages and, should you find something desirable that you will need the coming season, we shall be glad to receive your order, which will have our careful and prompt attention. We charge you only an honest, fair price; in fact an extremely low price, when the quality is considered, and treat you liberally always, knowing that our business depends on your being entirely satisfied in every particular. In our new store we have largely increased facilities for filling your orders.

SEEDS BY MAIL

We will pay the postage on all small garden seeds in any quantity, within the first and second parcel-post zones from Williamsport. On Peas, Beans and Corn add for the first pint or quart 10 cts., and for each additional quart add 2 cts. extra, for postage and packing.

WE GUARANTEE OUR SEEDS to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, they can be returned to us within ten days.

CHAAPEL'S SEED STORE, Williamsport, Pa.



Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

A Lawn Seed Mixture is very much to be preferred to any single Grass, as, if it is honestly made, the several varieties of Grass which compose it mature at different seasons of the year, thus keeping the greensward in good color and condition during the hot weather, not losing its color, as the single variety is liable to do, and making a much heavier and thicker turf.

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities.

We have sold this Mixture of Lawn Grasses for thirty-six years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 15x20 feet—300 square feet. Ask for our leaflet, "How to Have a Better Lawn." Qt. 25 cts., 2 qts. 45 cts., 4 qts., 75 cts., pk. \$1.25, bus. \$4.50.

CHAAPEL'S SHADY LAWN GRASS SEED

In most cases our American Lawn Grass Mixture will meet all requirements but where there is continuous shade. There are certain Grasses which thrive better in shady places. Our Shady Lawn Mixture contains those Grasses. Shaded locations are usually sour, mossy and impoverished. Lime will sweeten the soil; sheep manure, bone meal and nitrate of soda will make the Grass grow luxuriantly, even in shady places. Sow one quart to 100 square feet—10x10 feet. Qt. 30 cts., 2 qts. 50 cts., 4 qts. 85 cts., pk. \$1.40, bus. (20 lbs.) \$5.

FANCY WHITE CLOVER. Fine for new or old lawns; easy to grow. Adding one-quarter pound to one quart of our Lawn Grass Seed will make a very desirable mixture. 1/4lb. 15 cts., lb. 50 cts.

A BEAUTIFUL LAWN

It is a well-known fact that a poorly nourished lawn is full of weeds. Enrich your ground, make the grass grow, and the weeds will all disappear, crowded out by the luxuriant growth of Grass.

Nature's richest and best fertilizer is **PULVERIZED SHEEP MANURE**, a highly concentrated product, rich in nitrogen, phosphoric acid and potash. It is dry and finely pulverized, with every weed seed destroyed.

For lawns, flowers, vegetables and fruits, **SHEEP MANURE** is unequalled for making things grow. Why not use it this spring? See prices on page 32.

NORTHERN- GROWN PEAS

1 quart plants 75 feet of drill; 2 to 3 bushels to the acre

We are offering this year several new varieties of **proved** merit. Our Pioneer and Little Marvel Peas are of recent introduction. These, as well as other varieties offered by us, are pure-bred stock, grown by the largest and most expert Pea specialist. Our Ameer and Prolific Market Peas are the best of the smooth extra-early varieties, and can be planted much earlier than the wrinkled varieties. Nott's Excelsior and Premium Gem are both early, and the most popular of the early dwarf varieties. Ever-bearing and Pride of the Market are the most desirable of the second-early and late varieties.

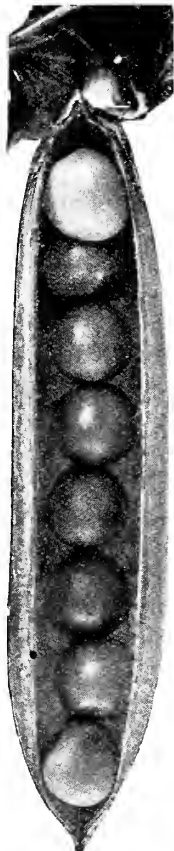
New English Pea, Pioneer

A DWARF GRADUS

This is the largest-podded of all early dwarf Peas. A new, large-podded early wrinkled Pea of great promise. The vines are extremely vigorous, growing 15 to 18 inches high, dark green and produce a wonderful crop of pods which are filled with big Peas of delicious flavor. It is one of the earliest wrinkled Peas, coming in about the same season as Gradus, but a much heavier cropper. Qt. 30 cts., 4 qts. \$1.10, pk. \$2.10, bus. \$8.

New Dwarf Pea, Little Marvel

A new, dwarf, first-early Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The vines average 15 inches in height, and the pods $2\frac{1}{2}$ inches in length, frequently borne in pairs. The pods contain six or seven large, dark green Peas, which remain in good eatable shape a week later than most other varieties. This variety is as early as Nott's Excelsior or American Wonder, but produces a much larger pod, and the vines produce a much heavier crop. Its dark green pods are a more attractive color than the light green sorts. A desirable Pea for both the home garden and market. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.



Little Marvel Pea



New English Pea, Pioneer

Ameer, or Large-Podded Alaska

An extra-early, large-podded Pea of excellent quality. Vines grow about 3 feet in height, producing large, finely shaped pods. The Peas ripen uniformly and are round, slightly dented and bright green. A prolific bearer, making it a valuable variety for the home garden or market. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$5.50.

Prolific Early Market

This Pea is about four days later in maturing than our Best Extra-Early, but it produces 30 to 50 per cent more Peas than any other early variety. Pods are about one-fourth to one-half longer than any of the extra-early types. Seed resembles the extra-early sorts, but is somewhat wrinkled. The beauty of this particular Pea is that it comes in all at one time, and can be cleaned up with one picking. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$6.

New Pea, Dwarf Defiance

Second-early. Destined to become the main-crop Pea. Dwarf in habit, sturdy, strong in growth; pods long, well filled with large, dark green Peas of rich, sweet flavor. Height 18 inches to 2 feet; needs no support. It will pay you to become acquainted with this new Pea. Qt. 30 cts., 4 qts. \$1.10, pk. \$2, bus. \$7.50.

EXTRA-EARLY PEAS

Wrinkled varieties are marked with a star (). The height is given after each variety*

Liberal packets, 5 cts. and 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart

Alaska, or Earliest of All. Pods well filled with small, smooth, blue-green Peas; first-early. 2½ ft. Qt. 20 cts., 4 qts. 65 cts., pk. \$1.25, bus. \$4.75.

Best Extra-Early. Superior strain of the extra-early Peas; first to plant and most profitable. 2½ ft. Qt. 20c., 4 qts. 65c., pk. \$1.25, bus. \$4.75.

Ameer, or Large-podded Alaska. Large, dark green pods, similar to Gradus. (See description, page 2.) 3 ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$5.50.

Prolific Early Market. Only a few days later than Best Extra-Early; pods larger and most prolific. (See description, page 2.) 3 ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$6.

***Little Marvel.** New. As early as Nott's Excelsior, with large pods; quality as good and a good cropper. (See description, page 2.) 15 in. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.

***Pioneer, A Dwarf Gradus.** New. The largest-podded dwarf extra-early. (See description, page 2.) 15 to 18 in. Qt. 30 cts., 4 qts. \$1.10, bus. \$8.

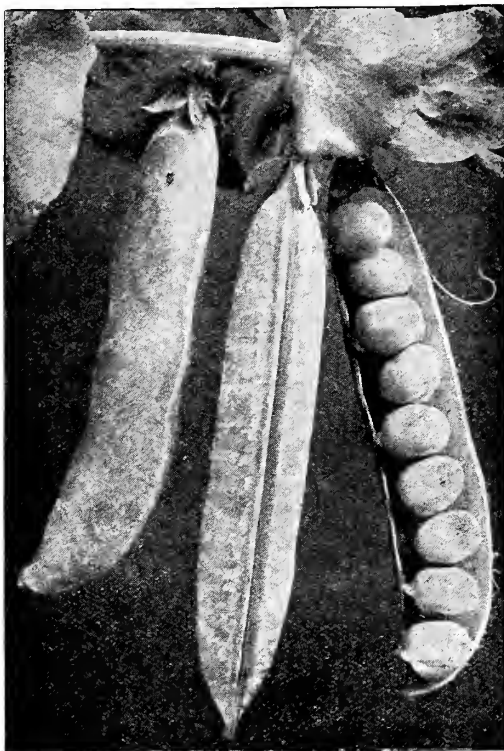
***Laxtonian.** New. Similar to Pioneer, but superseded by that variety. 15 in. Qt. 30 cts., 4 qts. \$1.10, pk. \$2.10, bus. \$8.

***Nott's Excelsior.** Very early; pods always filled with Peas of the finest quality. 15 in. Qt. 25c., 4 qts. 85 cts., pk. \$1.50, bus. \$6.

***Premium Gem.** Extra early, prolific and of delicious flavor. 15 in. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.25.

***Gradus, or Prosperity.** Extra early; large, wrinkled Peas of the finest quality. 3 ft. Qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.50.

***Thos. Laxton.** Similar to Gradus and just as good. 3 ft. Qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.50.



Nott's Excelsior Dwarf Pea

SECOND-EARLY AND LATE VARIETIES

Liberal packets, 5 cts. and 10 cts.

***Everbearing.** Continuous bearer; pods large, of delicious flavor. One of the best for home and market. 2 ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.25.

***Yorkshire Hero.** A splendid, large marrow Pea; abundant bearer; of fine quality. 2½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

***Advancer.** A sure cropper; popular market sort. 2½ ft. Qt. 20c., 4 qts. 75c., pk. \$1.40, bus. \$5.

***Horsford's Market-Garden.** Pods literally packed with Peas of delicious, sweet flavor. 2½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

Pride of the Market. Popular in the market; pods large and handsome; finest quality. 2 ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60, bus. \$6.

***Dwarf Defiance.** New. A splendid, large-podded variety; very promising. (See description, page 2.) 18 in. to 2 ft. Qt. 30 cts., 4 qts. \$1.10, pk. \$2, bus. \$7.50.

***Dwarf Telephone (Carter's Daisy).** Large, well-filled pods of excellent flavor. 1½ ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60, bus. \$6.

***Duke of Albany (American Champion).** Immense pods and Peas on the style of Telephone; best quality; late. 4 ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

***Telephone.** The most popular late Pea. Large pods, filled with immense Peas of first-class quality. 4½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

***Champion of England.** One of the richest, best-flavored Peas; well known and popular. 5 ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

Mammoth Melting Sugar. (Edible pods.) Large, broad pods; very brittle and stringless. 4 ft. Qt. 30 cts., 4 qts. \$1.10, pk. \$2, bus. \$7.50.

Canada Field. For field-culture only. 3 ft. Pk. 75 cts., bus. \$2.75. Prices subject to change.

Our Field Seed Department is the most complete in this part of the state. The quality is the best and not misrepresented.

BEANS, Dwarf Wax or Butter

Liberal packets, 5 cts. and 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart.



New Round-Pod Kidney Wax Beans

New Round-Pod Kidney or Brittle Wax Bean

THE MEATIEST, CRISPEST, MOST BRITTLE AND ENTIRELY STRINGLESS BEAN GROWN

Our customers have frequently asked for a round-podded Wax Bean possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. It is the result of long-continued efforts on the part of a specialist to produce an ideal Bean, and those who grow it will know he succeeded beyond question. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. (See illustration.) Qt. 35 cts., 4 qts. \$1.30, pk. \$2.50, bus. \$9.

Improved Rust-Proof Golden Wax. (See illustration.) Most popular early, for home or market-garden. Hardy, prolific, of best quality; pods long, straight, thick; vines very erect. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.25.

Prolific Black Wax, or Butter. Round, stringless; very early. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.25.

Wardwell's Kidney Wax. One of the best large-podded varieties. The medium-sized plant becomes loaded with long, broad and flat, beautiful waxy pods, which are stringless and exceedingly brittle; the dried Beans are of a distinct kidney shape. (See illustration on front page of cover.) Qt. 30 cts., 4 qts. \$1, pk. \$2, bus. \$7.50.

Pencil-Pod Black Wax. Pods long, pencil-like, tender and brittle. Qt. 30 cts., 4 qts. \$1, pk. \$2, bus. \$7.50.

Michigan White Wax. New. Early and tender. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.25.

Hodson Wax. Immensely productive; bushy grower; late. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.25.

Davis White Kidney Wax. Productive; desirable as a shell Bean. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.25.

Scarlet Flageolet Wax. Pods bright red, flat and tapering. Qt. 30c., 4 qts. \$1, pk. \$1.85, bus. \$7.25.

Currie's Rust-Proof Wax. Pods long, flat and straight. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.25.



Improved Rust-Proof Golden Wax Beans

We condense into the above list the best Wax or Butter Beans—sorts that yield and sell well in all sections

BEANS, Dwarf Green-Podded

We supply liberal packets at 5c. and 10 cts. each

Burpee's Stringless Green-Pod. Extra-early; very prolific; entirely stringless; crisp, tender and of fine quality. Qt. 30 cts., 4 qts. \$1, pk. \$2.

Round Yellow Six Weeks. Very prolific and early; semi-round, green pods. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60, bus. \$6.25.

Improved Early Red Valentine. Extra early; very popular and productive. Qt. 25 cts., 4 qts. 80 cts., pk. \$1.40, bus. \$5.50.

Large White Marrow. Shell or soup Bean for winter use. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

Improved Royal White, or Kidney. Shell or soup Bean. Qt. 20 cts., 4 qts. 70 cts., pk. \$1.35.

Boston Small Pea. Shell or soup Bean. Qt. 25 cts., 4 qts. 95 cts., pk. \$1.75.

POLE or RUNNING BEANS

We supply liberal packets at 5c. and 10 cts. each

Dreer's Golden Cluster Wax. The best, most popular and most productive wax Pole Bean; large pods. Qt. 30 cts., 4 qts. \$1, pk. \$2, bus. \$8.

Kentucky Wonder. Fine green-pod sort; early and productive; entirely stringless. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60, bus. \$6.

White Kentucky Wonder (Stringless Green-Pod). Fine quality; very productive and early; stringless; white seed. Qt. 30 cts., 4 qts. \$1.

White Dutch Case Knife. Pods long, green and flat; fine for shelling. Qt. 25 cts., 4 qts. 85 cts.

Lazy Wife. Pods green and entirely stringless; enormous producer. Qt. 30 cts., 4 qts. \$1.



Burpee's Stringless Green-Pod Beans

BUSH LIMA BEANS

Burpee's Bush Lima is the dwarf prototype of the Large White Lima. It was the best type of the

Bush Limas, requiring no poles, and being two weeks earlier than the Pole type. It is now superseded by Burpee's Improved Bush Lima, with pods truly enormous in size, filled with Beans which are both larger and thicker than those of the popular Burpee's Bush Lima, and **fully eight days earlier.**

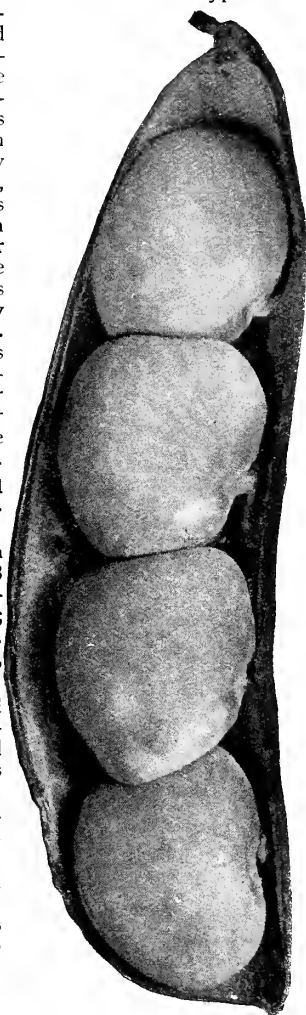
The Fordhook is superior in many respects, earlier, larger in size and a heavier cropper than the Kumerle Bush Lima.

We supply liberal packets at 5 cts. and 10 cts. each.

Burpee's Bush Lima. Bushes 18 to 20 inches. Immense yielder; most popular. Qt. 30 cts., 4 qts. \$1, pk. \$2, bus. \$8.

Burpee's Improved Bush Lima. Sturdy bushes, loaded with enormous pods; very early. Qt. 35 cts., 4 qts. \$1.25, pk. \$2.35, bus. \$9.

Fordhook Bush Lima. Strong, erect growth; pods contain three to five large Beans. Qt. 40 cts., 4 qts. \$1.50, pk. \$2.75, bus. \$10.50.



Fordhook Bush Lima Beans

POLE LIMA BEANS

Put five or six seeds in hills 3 to 4 feet apart each way, placing them edgewise with the eye downward, and covering 2 inches deep. They require a pole 7 feet high, and a good, warm loam. Pinch back when the vine reaches the top of the pole and the yield will be increased. Limas are the most popular table Bean.

We supply liberal packets at 5c. and 10 cts. each

Early Leviathan. The earliest large Lima; very productive. Qt. 30 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.75.

King of the Garden. Most popular; heavy cropper; Beans and pods large. Qt. 25 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.75.

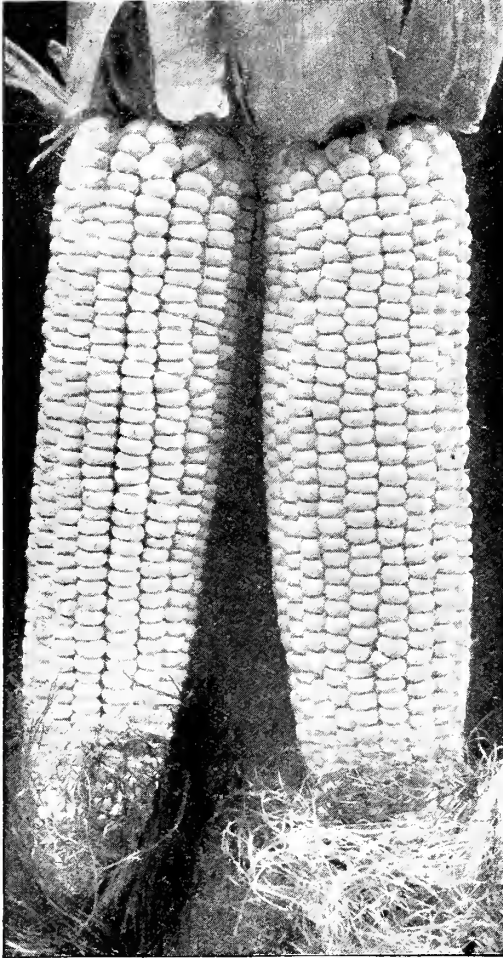
Ford's Mammoth-podded. The largest-podded, finest-flavored and very productive. Qt. 25 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.75.

SWEET CORN

1 quart plants 200 hills;
1 peck to the acre

Golden Bantam is the finest extra-early Sweet Corn. The kernels are golden yellow, of the finest quality; it is, without doubt, the sweetest Corn grown. The stalks are dwarf and sturdy in growth, bearing two or more ears well above the ground. The ears are 5 to 7 inches in length. This grand Corn deserves a trial in your garden. Premo and Peep-o'-Day are the sweetest and most prolific of the extra-early white varieties. Kendel's Early Giant is the largest, finest, first-early Sweet Corn, noted for its extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about ten days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home and market-garden.

Liberal packets, 5 cts. and 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint and quart, and 2 cts. for each additional quart



Rice's Early Evergreen Corn

Golden Bantam. Finest quality; extremely early. See description above. Qt. 25 cts., 4 qts. 70 cts., pk. \$1.25, bus. \$5.

Peep-o'-Day. One of the sweetest and most prolific extra-early, dwarf sorts. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Premo. One of the earliest dwarf varieties. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Kendel's Early Giant. Noted for its large size, fine quality and extreme earliness. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Mammoth White Cory. Pure white when cooked; a most excellent, large and very early sort. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Minnesota. Deservedly popular, both for market and family garden; second-early. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Champion. Nearly as early as Minnesota. Ears almost as large as Evergreen. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Rice's Early Evergreen. Equal in quality and ten days earlier than Stowell's Evergreen. Qt. 20 cts., 4 qts. 60 cts., pk. \$1, bus. \$4.

Country Gentleman. Distinct from other varieties; deep kernels. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Stowell's Evergreen. The standard for quality, and the best-known variety; a favorite with market-men. Always brings good prices on account of its extra-high quality and remains a long time in condition suitable for boiling. Qt. 20 cts., 4 qts. 60 cts., pk. \$1, bus. \$3.75.

Evergreen Fodder. Purely a Sweet Corn, and the best of all for fodder. Grows to an immense size, with an abundance of leaves, both stalks and leaves being very sweet and rich in saccharine matter. Qt. 10 cts., 4 qts. 30 cts., pk. 60 cts., bus. \$2.

POP-CORN, White Rice, and Golden Queen. The only difference is in color. Both varieties pop freely a pure snow-white and very large. Pt. 10 cts., qt. 20 cts., 2 qts. 35 cts.

CHINESE CELERY-CABBAGE-LETTUCE (Pe Tsai)

This delicious vegetable, recently introduced into this country from Shantung, China, is already known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc. It is a species of cabbage with a fine, delicate flavor, resembling a stalk of celery more than a cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than cabbage or turnips. It is a very rapid grower. Cultivate exactly as you do lettuce for heading, allowing 12 to 15 inches between the plants. If the weather should be very warm at time of heading, tie up like endive; keep well watered. For fall or early winter crop, sow the seed in August, depending on weather and other conditions. Pkt. 10 cts., oz. 35 cts.

TABLE BEETS

One ounce to 50 feet of drill; 5 to 6 pounds to the acre in drills

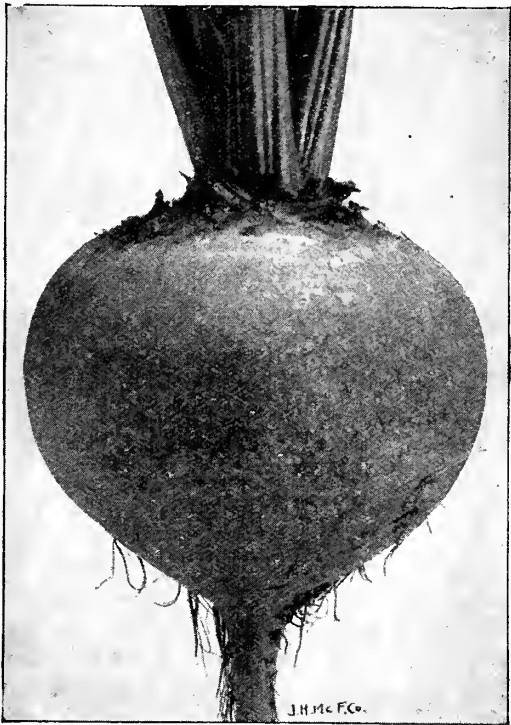
Liberal packets, 5 cts. each

Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian; is thicker and less inclined to push up a woody neck as it advances in growth. The Beets are fine-grained, tender and cook to a beautiful color. Fine for market. Oz. 10 cts., ¼lb. 25 c., lb. 75c.

Detroit Dark Red. Form globular or ovoid; smooth roots, with small tops; skin blood-red; flesh dark red, zoned with a lighter shade, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Eclipse Blood Turnip. Very early, round, smooth and dark red. Flesh is remarkably tender, fine-grained and of excellent flavor. Our strain of this variety is very select; it has a very small top, and is one of the best for market. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Swiss Chard, Silver or Sea Kale Beet. Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest of the leaf like spinach. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.



Crosby's Egyptian Beet

MANGEL-WURZEL AND SUGAR BEETS

Of great value for feeding stock, poultry, etc.

	Pkt.	Oz.	¼lb.
Golden Tankard. Yellow; large and sweet.....	\$0 05	\$0 12	\$0 30
Long Red Mammoth Prize. Attains enormous size.....	05	12	30
Sugar, Lane's Imperial. White-fleshed; productive.....	05	12	30
Sugar, Giant Feeding. White-fleshed; productive.....	05	12	30

CARROTS Liberal packets, 5 cts. each

Danvers Half-Long. The best sort for the family garden; grows 6 to 8 inches in heavy soil; roots dark orange in color. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Improved Long Orange. Excellent for stock or table use; roots deep orange, 12 to 15 inches long, in rich soil. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Oxheart, or Guerande. Roots short and very thick; color deep orange; fine-grained and sweet; easily dug; annually grows in favor. Oz. 10 cts., ¼lb. 20 cts., lb. 70 cts.



Danvers Carrot

ASPARAGUS

Palmetto. Shoots are very large and light green. Tender and very desirable; rust-resisting. Oz. 10 cts., ¼lb. 15 cts., lb. 50c.

BRUSSELS SPROUTS

Carter's Perfection. A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Oz. 15 cts., ¼lb. 50 cts., lb. \$1.75.

DANDELION

Improved Broad-leaved. A new strain, highly recommended for market-gardens. Oz. 30 cts., ¼lb. 85 cts., lb. \$3.

Cultivated, or French Common. Oz. 15 cts., ¼lb. 35 cts., lb. \$1.25.

EGGPLANT

Black Beauty. The earliest large variety. Oz. 30 cts., ¼lb. \$1.

New York Improved Purple Spineless. Oz. 25 cts., ¼lb. \$1.

ENDIVE

Broad-leaved Batavian. Heads large, leaves broad. Oz. 10 cts., ¼lb. 30 cts.

Green Curled Winter. Hardest variety. Oz. 10 cts., ¼lb. 30 cts.

White Curled. For early use. Oz. 10 cts., ¼lb. 30 cts.

GOURDS

Dipper, Dish-Cloth and Japanese Nest-Egg. Oz. 15 cts., ¼lb. 40 cts.

Fancy Varieties, Mixed. Oz. 15 cts., ¼lb. 40 cts.

LIBERAL PACKETS OF THE ABOVE, 5 CTS.



Copenhagen Market Cabbage

New Early Cabbage Copenhagen Market

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about eight pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.75.

The Famous Houser Late Cabbage

Two weeks later than any strain of the Flat Dutch type; in solidity almost as hard as the Danish Ballhead; shape round and deep; large and solid; quality good. Its extremely late date in maturing makes it a desirable sort for winter storage. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

OTHER VARIETIES OF CABBAGE

Liberal packets, 5 cts. each, except where noted

	Oz.	$\frac{1}{4}$ lb.	Lb.
Copenhagen Market. New. Nearly as early as Wakefield, with large, round, solid heads. (See full description above.) Large pkt. 10c...	\$0 35	\$1 00	\$3 75
Burpee's All-Head Early. Deep flat heads; sure header.	15	60	2 00
Charleston Large Wakefield. Large pointed heads.	15	40	1 50
Danish Ballhead. Very best winter sort, round head.	15	50	1 75
Danish Round Head. Very hard and heavy; short stem.	20	60	2 00
Early Flat Dutch. A good early variety.	10	35	1 25
Henderson's Early Summer. Standard variety.	10	35	1 40
Red Rock (Henderson's Mammoth). Best red sort.	15	40	1 40
Premium Late Flat Dutch. Most popular late variety.	10	35	1 25
Early Jersey Wakefield (Rice's Selected). Extra early.	15	50	1 75
Early Winnigstadt. Heads cone-shaped; very popular.	10	35	1 25
Rice's Sure Head. Finest late cabbage.	10	35	1 25
Savoy Perfection Drumhead. Best of the Savoy.	10	35	1 25
The Lupton. A thoroughbred late cabbage.	15	40	1 50
Volga. A very valuable late sort.	15	50	1 75
Houser. A very good late sort. (See full description above.)	20	60	2 00
Chinese Celery Cabbage. New. Grows like lettuce. (See special description, page 6.)			
	Pkt. 10 cts...	35	

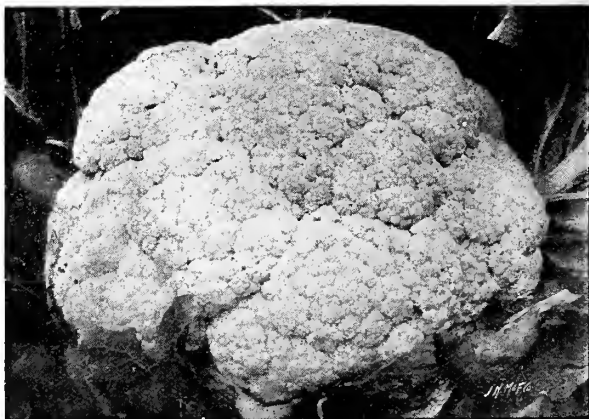
CAULIFLOWER

HENDERSON'S EARLY SNOWBALL

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 5 cts., $\frac{1}{8}$ oz. 35 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.

CORN SALAD

Large Green Cabbaging. Liked as a substitute for lettuce. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.



Henderson's Early Snowball Cauliflower

GIANT PASCAL CELERY

THE FINEST-FLAVORED CELERY GROWN

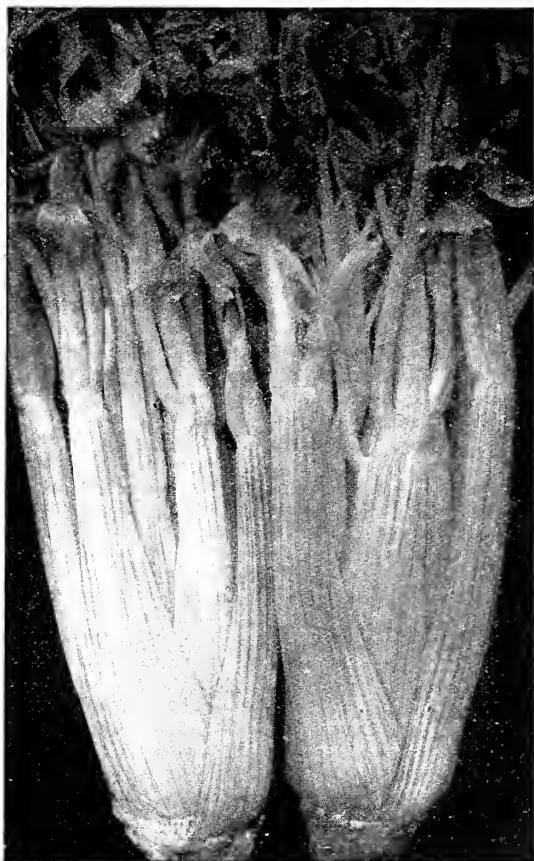
Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor; is crisp, tender and a good keeper. Unfortunately, this grand Celery requires careful attention during the growing season. It, as well as other Celery, must be sprayed early and often to prevent blight and keep in control the Celery beetle. This variety should not be transplanted to the field until the middle of July. It is a winter Celery and not suited for summer or early fall use. The ground should be well prepared, fairly fertile and fertilized heavily with acid phosphate and potash. If the ground contains too much nitrogen, it will grow too rank and become hollow. Our stock of Giant Pascal is the best obtainable, high grade and pure bred, grown by the most careful Celery specialist in France. Our other varieties are equally well grown and pure bred. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

OTHER VARIETIES

One ounce will produce 7,000 plants

Liberal packets, 5 cts. each

Dwarf Golden Heart.	Ex-	Oz.	$\frac{1}{4}$ lb.	Lb.
cellent keeper.	\$0	20	\$0 60	\$2 00
Dwarf Golden Self-blanch-				
ing. French-grown.	1	25	4 35	
Improved White Plume.				
Very early; silvery white				
leaves.	20		60	2 00
New Rose. Best of all red				
varieties; fine keeper.	20		70	2 50
Winter Queen. Fine win-				
ter variety; very popular.	20		60	2 00



Giant Pascal Celery

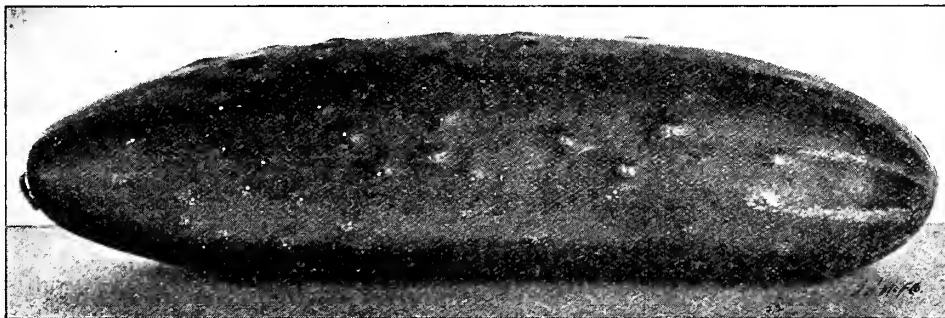
THE DAVIS PERFECT CUCUMBER

One ounce will plant 50 hills;
two pounds will plant an acre

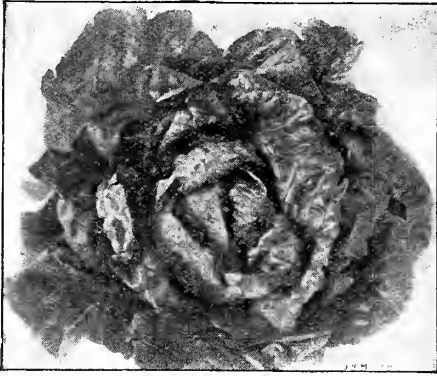
Plant the Davis Perfect, and you will raise in the open ground Cucumbers that will sell in any market at the same price as the high-priced hothouse forcing Cucumbers. As now selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hothouse-grown." The vines are of strong growth and quite prolific. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Liberal packets, 5 cts. each

	Oz.	$\frac{1}{4}$ lb.	Lb.
Boston Pickling. One of the best for pickling.	\$0 10	\$0 20	\$0 60
Fordhook Pickling. Very prolific variety.	10	20	70
Early Cluster. Fruit small; light green.	10	20	60
Long Green Improved. Standard sort.	10	20	60
White Spine Arlington Improved. Very reliable.	10	20	60



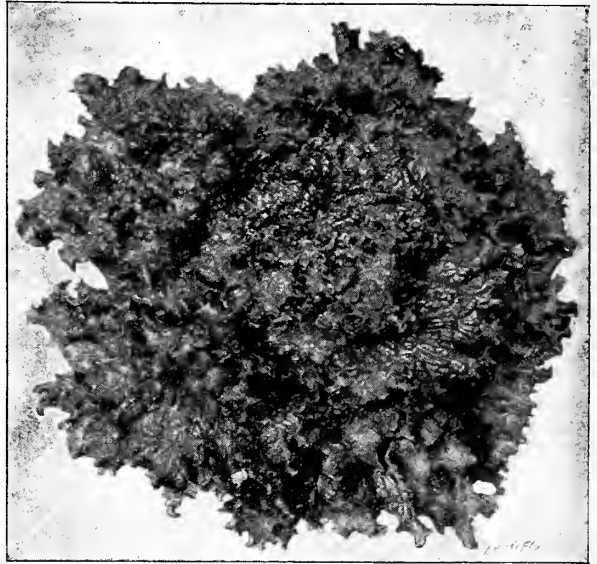
The Davis Perfect Cucumber



California Cream Butter Lettuce



May King Lettuce



Black-seeded Simpson Lettuce

LETTUCE

One ounce will produce
1,500 plants

Liberal packets, 5 cts. each

California Cream Butter. A decidedly buttery variety, strictly cabbage-heading and very slow to run to seed. Head compact, firm and well blanching; color dark, rich, glossy green; quality excellent; very buttery, sweet and with thick, soft leaves of much substance.

Oz.	¼lb.	Lb.
\$0 15	\$0 35	\$1 00
10	20	70
10	20	65
10	20	60
10	20	70
10	20	60
10	20	60
10	20	60
10	20	75

May King. Heads extra large and solid; green outside, but heart clear yellow; very desirable.

Black-seeded Simpson. The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp and of excellent quality; stands heat and outdoor forcing.

Early Prizehead. This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head.

Grand Rapids Forcing. This variety is especially adapted to greenhouse and hotframe culture; it is of rapid, upright growth and may be planted close.

Big Boston. A most desirable variety, either for forcing in coldframes or open-ground planting; always produces large, solid heads.

Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads; edges of leaves slightly tinged with red.

Hanson Improved. Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white.

Paris White Cos, or Romaine. Blanches very nicely; upright grower.

KOHLRABI, Turnip-Rooted Cabbage

Early White Vienna. Best for general table use; flesh tender, white and of good flavor. Oz. 20 cts., ¼lb. 60 cts.

Purple Vienna. Purplish blue. Oz. 20 cts., ¼lb. 60 cts.

CRESS, or PEPPER GRASS

Extra Curled. A small plant. Has a fine, pungent flavor and is used as a salad. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

PEPPERS

Chinese Giant. Red; largest; mild. Oz. 30 cts., ¼lb. 90 cts.

Large Bell, or Bull Nose. Red; mild. Oz. 20 cts., ¼lb. 60 cts.

Long Red Cayenne. A small, long, bright red sort. Oz. 20 cts., ¼lb. 60 cts.

Mammoth Golden Queen. Mild and pleasant. Oz. 20 cts., ¼lb. 60 cts.

Neapolitan. Early; sweet. Oz. 20 cts., ¼lb. 60 cts.

Ruby King. Best mild. Oz. 20 cts., ¼lb. 60 cts.

Liberal packets of above, 5 cts. each

MUSKMELON, or
CANTALOUPE

Liberal packets, 5 cts.

Irondequoit. New. Best melon for this section; nearly round; good size; skin yellow; flesh dark orange, fine juicy flavor. Oz. 15 cts., ¼lb. 35 cts., lb. \$1.

Burpee's Netted Gem, or Rocky Ford. Flesh light green. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Emerald Gem. Standard variety; skin emerald green. Flesh luscious and tender. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Hackensack, or Extra-Early Improved. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

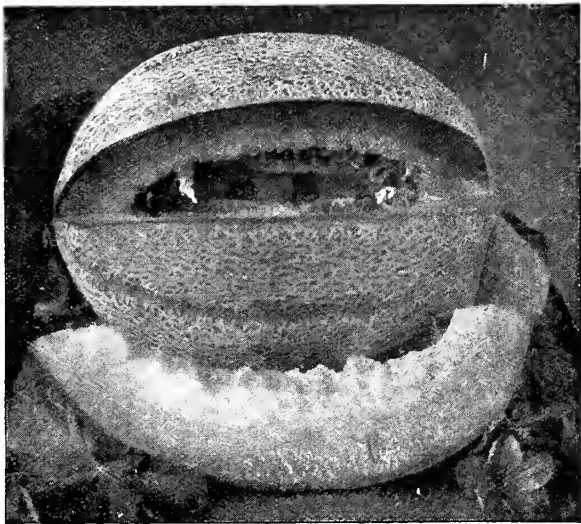
Jenny Lind. Extra early; small; green fleshed. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Miller's Cream. Flesh salmon-pink, very sweet; round egg shape. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Paul Rose. Flesh salmon-color, of finest quality. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Perfection. Flesh rich orange; nearly round. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Tip-Top. Deep salmon-color; sweet and spicy. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

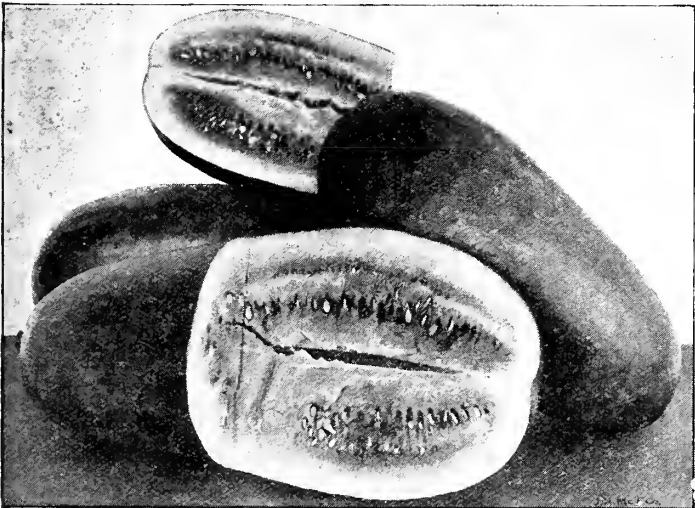


Burpee's Netted Gem, or Rocky Ford Muskmelon

WATERMELON

Liberal packets, 5 cts.

	Oz.	¼lb.	Lb.
Tom Watson. A splendid new variety, both for home-garden and shipping; shape long; color dark green; flesh bright red and very solid.....	\$0 05	\$0 15	\$0 50
Kleckley Sweets, or Monte Cristo. Oval shape.....	05	15	40
Cole's Early. Medium size, nearly round.....	05	15	40
Fordhook Early. Nearly round; flesh bright red.....	05	15	40
Halbert Honey. Skin dark green; very sweet.....	05	15	50
Hungarian Honey. Early. Of a rich honey flavor; uniform in size and perfectly globe-shaped.....	05	15	50



Tom Watson Watermelons

PARSLEY

Liberal packets, 5 cts.

Champion Moss Curled. Very pretty and desirable. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Emerald Dwarf, Extra-Curled. Oz. 10c., ¼lb. 25c., lb. 75c.

PARSNIPS

Liberal packets, 5 cts.

Large Sugar, or Hollow Crown. Standard variety. Oz. 10 cts., ¼lb. 15 cts., lb. 45 cts.

PUMPKIN

Liberal packets, 5 cts.

Connecticut Field. The popular field variety. Oz. 5 cts., ¼lb. 10 cts., lb. 30 cts.

King of the Mammoths. The giant among Pumpkins. Oz. 10 cts., ¼lb. 25 cts., lb. 90 cts.

Large Cheese. Flat and round; skin orange. Oz. 5 cts., ¼lb.; 15 cts., lb. 40 cts.

Livingston's Cushaw. Mottled green and white-striped. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

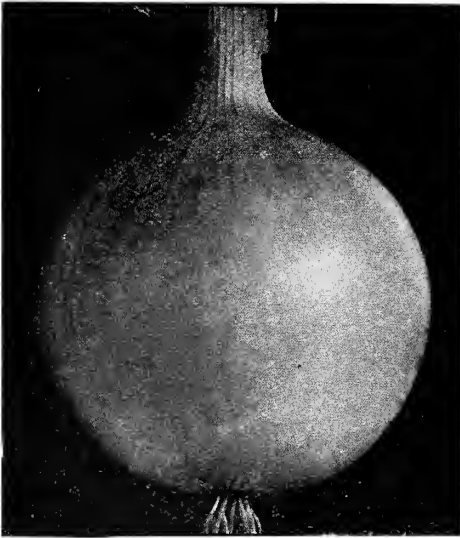
Sweet, or Sugar. Small and round pie Pumpkin. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.

Winter Luxury. Round; golden yellow; very fine. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

ONION SEED

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal packets, 5 cts. each



Yellow Globe Danvers Onion

Yellow Globe Danvers, Our Finest Strain. This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.20.

Yellow Globe Danvers. Undoubtedly the best known and most popular of all Onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive, producing as high as 1,000 bushels to the acre, and will average on good soil, with proper culture, 700 to 800 bushels. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Prizetaker. This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported. Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.30.

Large Red Wethersfield. Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red; flesh purplish white. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

White Portugal, or Silverskin. A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.60.

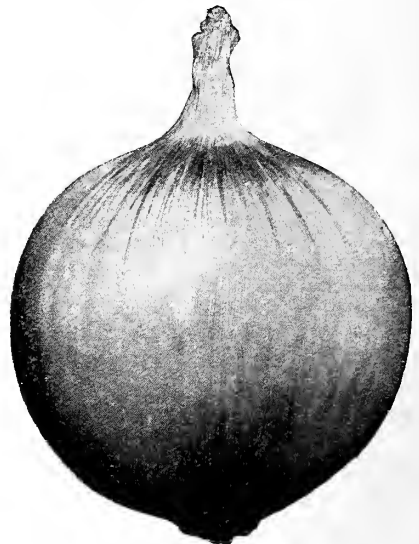
Philadelphia Yellow Dutch, or Strasburg. The sets of this variety grow round, plump and bright. Full-sized Onions are somewhat flattened; flesh pure white, mild-flavored and an excellent keeper; skin bright yellow. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Rice's White Pickling. We believe this to be the earliest and most rapid-growing of all the small, extra early varieties. As a pickling Onion, it excels all others; for bunching it cannot be equaled. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.60.

Southport Large Red Globe. Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices. Oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.20.

Southport White Globe. A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Southport Yellow Globe. Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.20.



Southport White Globe Onion

ONION SETS

White and Yellow Onion Sets. Grown from our select strains of Onion seed. The price per bushel is subject to change with the market. Write for quotations.

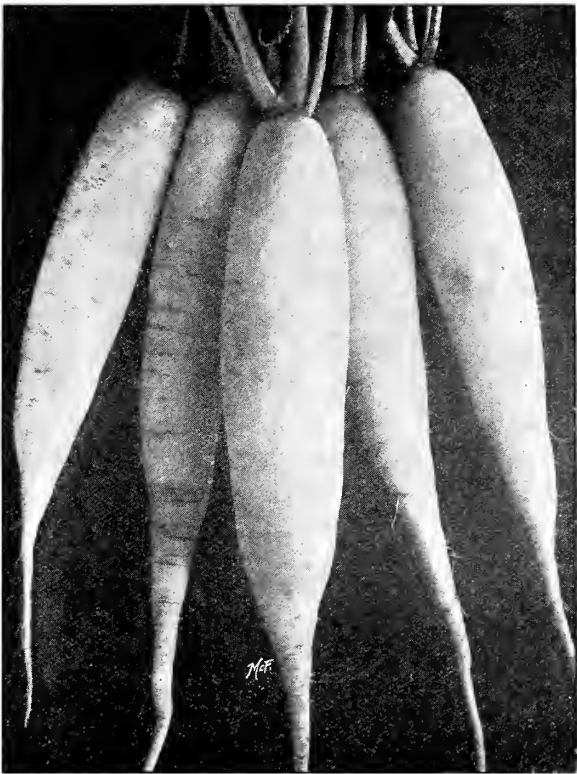
GROWERS OF THIS VEGETABLE WILL FIND INTERESTING READING IN OUR BOOK,
"PROFITABLE ONIONS," FREE ON APPLICATION

RADISHES

All Best French Seed

One ounce will sow 100 feet of drill

The small, round, short-top Radishes of the red- and white-tipped sorts are the quickest in maturing and best suited for early outdoor frame and greenhouse culture. Amongst those that stand out preëminently are our Fireball and Button Radishes of the deep red sorts. Our strains of the white-tipped varieties are unsurpassed; they are bright red, with pearly white bottoms, crisp and tender. Our White-tipped Forcing Radishes are specially selected for frame and indoor forcing. The second-early or finger Radishes include such varieties as Long Scarlet Short Top and Long Bright Scarlet, which are the best of the red sorts. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. It is, without doubt, the tenderest, crispest and best flavored of the Radishes, and each year grows in popularity. French Breakfast is the ideal olive-shaped Radish. The summer varieties, those best suited to withstand the dry, warm weather of summer, are the Long Chartier, White Strasburg and Lady Finger; the latter is the tenderest and brittlest, and is surpassed in earliness and mild crispness only by the Long Icicle. The most popular of the winter varieties is the White Chinese (Celestial), which is the largest and best known, producing large roots, clear white in color. The Rose Chinese is a Radish of medium size; the skin is a deep, bright rose. These Radishes do not succeed from spring sowing, but make fine, large Radishes from seed planted the last of July, to come on for the market during the cool winter months.



Long Icicle Radishes

Radishes, to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will “stand longer.” Seed should be sown thinly in drills when the trees are starting out in leaf, and successive plantings made one week apart.

Liberal packets, 5 cts. each

	Oz.	¼lb.	Lb.
Early Scarlet Turnip, or Button.....	\$0 10	\$0 15	\$0 40
Early Scarlet Turnip, White-tipped.....	10	15	40
Extra-Early Scarlet Turnip, Forcing.....	10	20	60
Extra-Early Scarlet Turnip, White-tipped, Forcing.....	10	20	60
Fireball, or Non Plus Ultra. Earliest of all.....	10	20	60
Philadelphia White Box. Beautiful white; round.....	10	20	50
Scarlet Button. Burpee's Earliest.....	10	20	50
French Breakfast. Pink; olive-shaped.....	10	15	40
Vick's Scarlet Globe. Very early.....	10	15	40
Long Brightest Scarlet. Crisp and of rapid growth.....	10	15	50
Long Chartier. Tender and crisp; best for summer.....	10	15	40
Long Icicle. The finest white variety.....	10	20	50
Long Scarlet Short Top. Standard.....	10	15	40
Long White Lady Finger. Finest for summer sowing.....	10	15	40
Long Black Spanish. Fall or winter.....	10	20	40
Round Black Spanish. Fall or winter.....	10	20	40
Rose China Winter. For fall and winter use.....	10	15	40
White Chinese, or Celestial. For fall and winter use.....	10	20	60

SQUASH

Liberal packets, 5 cts. each

	Oz.	¼lb.	Lb.
Boston Marrow. Fine fall variety.....	\$0 10	\$0 20	\$0 50
Essex Hybrid, or Hard-shelled Turban.....	10	25	80
Mammoth White Bush, Scalloped. Summer sort.....	10	20	50
Golden Summer Crookneck. Standard variety.....	10	20	50
Chicago Warty Hubbard. A superior strain.....	10	25	80

SALSIFY, or VEGETABLE OYSTER. Mammoth Sandwich Island. Oz. 10c., ¼lb. 25c., lb. 80c.

TOMATO

One ounce will produce 1,500 plants

Liberal packets, 5 cts. each

Earliana. A very popular extra-early red. Our strain of this popular variety shows few, if any, of the rough fruits found in numerous quantity in other early sorts, and among many strains of Earliana. This variety is of compact growth, with stout-jointed branches. Yields well and the fruit is solid and of fine quality. Our trials show that it is without a superior. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts.

Chalk's Early Jewel. Within two weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Large, handsome fruits; very solid; ripens right up to the stem without any cracks or green core. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

New Stone. A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Our stock is distinctly superior to most of that offered under this name, being more uniform,



New Stone Tomato

better colored and larger. Fruit round, apple-shaped, very large, deep red and astonishingly heavy. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Dwarf Stone. New. As early and nearly double the size of Dwarf Champion much more productive. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts.

Crimson Cushion, or Beefsteak. Bright crimson; extra large; handsome. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

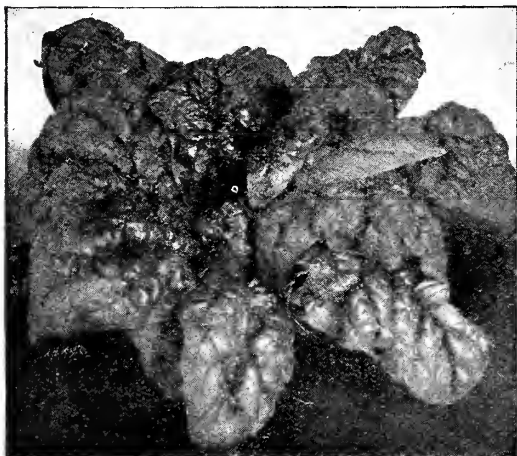
Ponderosa. Very large, solid and of good flavor; specimens have been grown to weigh four pounds; color bright red. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Livingston's Coreless. New. A most promising large, bright red, main-crop, globe-shaped Tomato. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

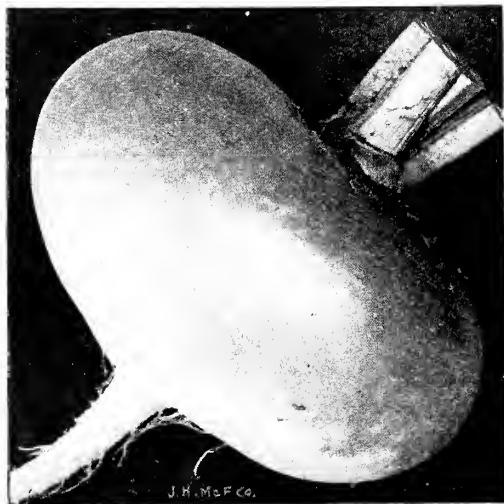
Truckers' Favorite. The finest, large, purple-fruited sort. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Dwarf Champion. Distinct in foliage and habit of growth, being compact and upright; fruit smooth; purplish red. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry. Oz. 15 cts.



Bloomsdale Savoy-leaved Spinach



Purple-Top Strap-Leaf Turnip

SPINACH

Liberal packets, 5 cts. each

New Zealand. New and distinct; grows well during hot weather. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Bloomsdale Savoy-leaved. Leaves curled and crinkled. Oz. 5 cts., $\frac{1}{4}$ lb. 10 cts., lb. 20 cts.

Victoria. Fine for spring sowing. Oz. 5 cts., $\frac{1}{4}$ lb. 10 cts., lb. 20 cts.

TURNIP

Liberal packets, 5 cts. each

Red- or Purple-Top Strap-Leaf. Best-known variety. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 30 cts.

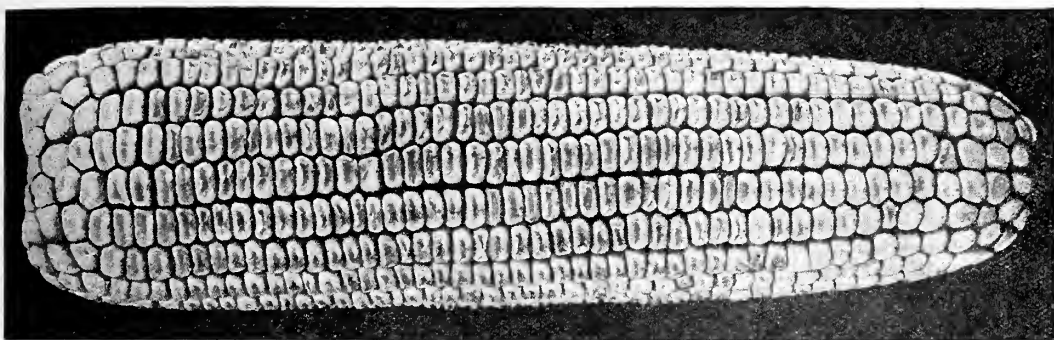
Red-Top White Globe. A popular market sort. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 30 cts.

White Egg. Pure white; egg-shaped; early or late. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

Yellow Globe. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 30 cts.

Cow Horn, Long White. A valuable soil-enricher. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 30 cts.

Rutabaga, Improved American. Purple top, yellow skin. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.



NORTHERN-GROWN SEED CORN

PRICES ON FIELD CORN SUBJECT TO MARKET CHANGES

Plant eight to ten quarts to the acre in hills; sow two and a half to three bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We pay as much attention to carefully selected stocks in all lines of farm seeds as we do to the critical vegetable and flower-seed part of the business. This is particularly true of Field Corns, where re-selection means the limit of crop, with little or no increase in cost. It is amazing to realize that where the old, unselected seed is used, the average crop to the acre is only half, compared to the more intelligent selection of strains.

Is it Worth It? A bushel of Seed Corn will plant from six to eight acres. To use our seed will cost, say, thirty to forty cents an acre more than if common crib or home-grown Corn is planted. It is therefore evident that if our seed produces one bushel more to the acre than the home seed the entire cost of the seed is paid for by this extra yield. It is, therefore, evident that if Seed Corn was worth \$10 a bushel it would be cheaper to plant such seed than to use common Corn as a gift.

NEVER USE FEEDING CORN FOR SEEDING PURPOSES

GOLDEN GLOW WISCONSIN NO. 12. During Farmers' Week this year at State College it was our privilege to listen to Dr. Moore, of the Wisconsin Agricultural College, lecture on Corn. He showed us and told us about the two varieties of Corn that have gone a long ways toward putting Wisconsin on the Corn map. So well pleased were we with his talk that we have bought Corn from growers in Wisconsin whom he recommended to us. This Corn is a Yellow Dent Corn, highly bred, known as Golden Glow Wisconsin No. 12. The ears are of medium size, well filled with tightly set grains; a heavy yielder and matures in ninety to one hundred days. We offer this Corn in limited quantities at \$3 per bushel.

WHITE CAP YELLOW DENT. White Cap Yellow Corns have always compared favorably with other types in comparative production. This particular strain it is our pleasure to offer has taken First and Second Prizes at prominent Corn shows. It is wonderfully prolific, a heavy yielder of beautiful, compact ears, of great average length, filled out well at the butts and tips. It is a vigorous grower that succeeds in moderately fertile soils. It is neither early nor late, but will mature in any part of Pennsylvania, except the extremely high latitudes. On ears, 70 lbs. to the bushel. Bus. \$2.50; 10 lbs., on ears, 50 cts.

LANCASTER COUNTY GOLDEN SURE-CROP.

A Yellow Dent Corn of superior quality. A heavy yielder and does well under rough-and-ready farming. We have procured reliable seed stock from growers recommended to us by the Lancaster County Farm Bureau. On ears, 70 lbs. to the bushel. Bus. \$2.25; 10 lbs., on ears, 45 cts.

Improved Leaming. An early Yellow Dent variety; ripens in ninety to one hundred days. Bus. \$2.

Pride of the North. A standard variety of Yellow Dent. Bus. \$2.

ENSILAGE CORN

Eureka. We have the true stock of this marvelous Corn, which attains a height of 16 to 20 feet, and stands up during the most severe windstorms. For producing ensilage it is unequalled, both in tonnage and feeding value. Bus. \$2.50.

Perfect. An Ensilage Corn of great merit, producing an enormous amount of fodder, and the ears mature well. A Corn that produces ensilage of high feeding value and tonnage. Bus. \$1.50.

Red-Cob Ensilage. A long, narrow, white grain; a late maturer and used for silo, green feed or ensilage purposes. A tall, rank grower and prolific in leaves. Bus. \$1.50.

Write or call for prices on Nursery Stock. We have connections with the best Nurserymen in the country and can save you money

NEW ALBERTA SEED OATS

It has been our desire to introduce a strictly first-class pedigree line of Farm Seeds, grown by the most careful and skillful plant-breeders in the North. The New Alberta Oat, which was grown 3,000 miles from here, in northwestern Canada, is a large, white, thin-hulled Oat, and is a heavy yielder. It has been tested out in this vicinity, and the quality and yield proved superior in every way. Yields have been reported as high as 75 to 125 bushels to the acre.

We purchase the stock seed at a fancy price, including duty and high freight-rate. The seed we offer this year was grown for us under our supervision right here in Lycoming County, this being the first year from stock seed. We are in a position to offer you these valuable Oats at a marked reduction from what we charged in the past for imported Oats.

These Oats are, without question, the finest we have ever handled, and to farmers wishing to avail themselves of the opportunity to improve the quality and increase the yield of their Oats, we urge them to give the New Alberta Oats a trial. We have retailed these Oats heretofore at \$1.75 and \$2 per bushel, but to do our part to increase the quality and yield in our community, we quote you a **special price of \$1.50 per bushel**. Price subject to change.

NORTHERN-GROWN SEED POTATOES

NEVER USE EATING POTATOES FOR SEED

As usual, we have a choice supply of standard varieties, both early and late, and of such excellent varieties as Early Rose, Early Northern, Burpee's Extra-Early and Irish Cobbler. These Potatoes are free from Potato scab or other diseases. Last season our Seed Potatoes produced enormous crops. Our customers told us that they never had such large yields of high-quality Potatoes. Our early varieties cannot be surpassed in earliness, and our late varieties cannot be beat for keeping; they are white and mealy, and hold their firmness longer than home-grown stock.

MARKET PRICES WILL PREVAIL

Burpee's Extra-Early. One week earlier than the Early Rose and nearly twice as productive. The Potatoes are of good size and very smooth; skin creamy white, shaded with pink. The flesh is pure white, possessing the very best table qualities. A sure cropper and very productive.

Early Norther. A seedling raised from a seed-ball of the Early Rose. In shape, color and season of ripening it very closely resembles the Early Rose, but in yield is more prolific.

Early Ohio. Now widely known and deservedly one of the most popular sorts. It has the advantage of being fit for use and sale even before fully ripe. A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy.

Early Rose. Our stock of this popular variety is in its original purity, we having renewed our planting stock annually for several years past from Houlton, Maine, where it is very popular and about the only variety planted for market.

Early Six Weeks. Undoubtedly the earliest Potato grown; similar to Early Ohio in every respect, but claimed, by the originator to be earlier than this standard, well-known sort. We recommend this for first-early planting.

Henderson's Sir Walter Raleigh. Originated by Elbert S. Carman, of "The Rural New Yorker." The Potato is of the same class as Mr. Carman's other white Potatoes, such as Carman No. 3, Carman No. 1 and Rural New Yorker No. 2, but is claimed to contain more new fresh blood, a finer eating quality, and to be a better yielder than any of them.

Money-Maker. A long, handsome, well-shaped white Potato, and a fine new sort that will take the place of the White Star, Burbank and similar sorts. Money-Maker has demonstrated that under any and all conditions it is absolutely blight-, drought- and rot-proof; and undoubtedly the heaviest-yielding, rankest-growing white Potato of our time.

Rural New Yorker No. 2. This is the nearest to perfection of any Potato yet introduced, and excels all others in yield. Sure to give satisfaction.

Quick-Crop. A desirable new early Potato, and one that will be a standard sort for the early market trade; oblong in shape; pink-and-white skin, and one of the best yielders of the early sorts. Cooks very mealy.

Irish Cobbler. A variety which becomes popular wherever tried on account of its earliness, handsome appearance and excellent quality. Tubers are round and smooth; skin creamy white and often netted; flesh white. We do not hesitate to recommend this variety.

Carman No. 3. It originated like Carman No. 1, with Elbert S. Carman, whose name it bears, and who states: "(1) It is the handsomest large, white Potato ever produced. (2) It will outyield any other Potato whatever. (3) Practically every Potato is of marketable size. (4) Its table qualities are fully up to the highest standard. It has no hollow hearts and no dark spots. Is first-class in every respect. It always brings the highest prices in market."



Carman No. 3 Potato



Winter Vetch

SAND or WINTER VETCH

(*Vicia villosa*)

For forage and fertilizing purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root-growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Grow your nitrogen. Sow thirty to forty pounds to the acre with one-half bushel rye, oats or barley. Lb. 15 cts. Price subject to change. Send for leaflets.

Spring Vetch, or Tares (*Vicia sativa*). Used for the same purpose as the Sand Vetch. Sow in the spring with oats, using a bushel of each to the acre. Lb. 10 cts. Price subject to change.

CANADA FIELD PEAS AND OATS FOR FODDER

These make a fodder and hay which double the production of milk. They should be sown in March or April, the earlier the better, two bushels of Peas and two bushels of Oats to the acre. The Peas should be sown first, and plowed under about 4 inches deep, or drilled in where possible, same depth; the Oats are then drilled in, or sown broadcast and harrowed in. They will be ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. It is a nutritious food and relished by all stock. Bus. \$2.75; 2 bus. or more, \$2.50 per bus. Prices subject to change.

COWPEAS

THE GREAT SOIL-IMPROVER

Can be grown in all parts of the country where dent corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green manure crop at any time during the summer and in almost every crop rotation. Can be grown on a greater variety of soils than any other legume.

New Era. A very regular variety, erect and not inclined to run; matures in 60 to 75 days. Bus. \$3.50. Price subject to change.

Whippoorwill. Usually an erect grower and rarely climbs; matures early. One of the best for late planting. Bus. \$3.50. Price subject to change.

SOJA BEANS

Often used to take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. It is a sure cropper. Ordinary yield of Beans 25 to 40 bushels to the acre. One of the richest of the natural food-stocks. Sow about one bushel to the acre, either broadcast or drilled. Bus. \$3.50. Price subject to change.

WHITE SWEET CLOVER

This is a legume of immense value for soil-improvement. Sweet Clover can be grown on soil that is too poor to grow most other legumes and such soils may be greatly improved. On land containing some lime, Sweet Clover will give most satisfying results. Nitrogen is gathered in paying quantities. May be sown in spring or fall. Lb. 30 cts. Send for descriptive leaflet.

DWARF ESSEX RAPE

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture, at a season when it is most needed. It is often sown broadcast, about five pounds to the acre, but will yield much better if drilled about two pounds to the acre, in rows 22 inches apart, and cultivated until plants are too large. Seed may be sown in May, but we do not advise sowing until June or July. It is a most valuable green feed for poultry. Lb. 12 cts., 10 lbs. or more at 10 cts. per lb.

BUCKWHEAT

Japanese. Is much superior to the common Buckwheat.

Silver Hull. The grains are of a silvery gray color, making a white flour. Prices on application.

MILLET

Tennessee, German or Golden. Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow one bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Ask for prices.

We are prepared to quote attractive prices to Granges and other coöperative buyers. We handle the "Craver-Dickinson" Brand of Timothy and Clover. Considering the quality, we will compete with any seed store in Pennsylvania. All prices quoted are subject to market changes.

CLOVER

Medium Red. This is regarded as the most valuable of the Clover family. It may be sown either in the spring or fall, and, if no other grasses are used, at the rate of from eight to twelve pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best quality of Clover seed which can be obtained. Even though the first cost is twice as much as of cheaper seed, it will be found in the long run that inferior seed is the most expensive.

The small nodules or bacteria which cling to the rootlets possess the power to draw the nitrogen from the air and store it in the soil, where it is most needed and where it can be drawn upon by subsequent crops. It is well to sow Clover with every crop of hay. Present price, **Globe Brand**, lb. 25 cts. **Pine Tree Brand**, lb. 20 cts. Bushel prices on request.

Mammoth Red. This is grown largely for pastures and to restore fertility to depleted soils. Being a rank grower, it is very valuable for fertilizing purposes. Especially valuable on light, sandy lands. Sow eight pounds to the acre. Present price, **Growers' Guaranteed**, lb. 25 cts. **Pine Tree Brand**, lb. 20 cts. Bushel prices on request.

Alsike, or Swedish. This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red. It is very fine for honey bees, and cattle prefer it to other Clovers. Present price, lb. 25 cts. Bushel prices on request.

Crimson, or Scarlet. An annual of strong, erect growth, 1 to 2 feet high. It roots deeply and places in the soil an abundant supply of nitrogen. When plowed under, it adds to the soil a large amount of humus or available plant-food, thus enriching the land and preparing it for other crops. Sow ten to fifteen pounds of seed to the acre in the spring. Present price, lb. 15 cts., bus. \$5.50.

TIMOTHY

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass. It should not take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed. Present price, lb. 15 cts. Bushel price on request.

Alsike Clover and Timothy Mixed

Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible, in cleaning, to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Price on application.



Alfalfa Clover

The U. S. Dept. of Agriculture says: "In addition to the hay crop, Alfalfa at two years adds \$100 to the value of every acre on which it grows. There is no state in the Union in which Alfalfa cannot be successfully grown."

Alfalfa produces from three to seven tons hay to the acre. It has as much protein as wheat-bran. 360 stalks have been grown from one seed. It does not exhaust the soil; it enriches the soil. It will grow three to five crops a year. Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milk cows can be fed on less than two acres by soiling. Alfalfa is a fine poultry-feed when cut fine, and this is also a good way to feed it to hogs in winter. Fed to dairy cows, Alfalfa maintains the flow of milk equal to June grass for nearly a whole year.

Many interesting facts in addition to the above might be cited about Alfalfa. It would hardly be possible to say too much about Alfalfa, it is a working plant which is changing the destiny of many farming sections. Its long, branching roots penetrate far down, push and crowd the earth this way and that, and thus constitute a gigantic subsoiler. These become an immense magazine of fertility. As soon as cut, they begin to decay and liberate the vast reservoir of fertilizing matter below the plow, to be drawn upon by other crops for years to come. Present price, lb. 20 cts. Bushel price on request.

Mixtures for Permanent Pastures

No. 1. For good high and dry land. Orchard Grass, Hard Fescue, Timothy, Perennial Rye Grass, Medium Red, Mammoth Red and White Clover, Kentucky Blue Grass, Canadian Blue Grass, and Alfalfa. Sow twenty-five to thirty-five pounds to the acre. Per 100 lbs., \$16.75.

No. 2. For good land, neither too wet nor too dry. Orchard Grass, Timothy, Perennial Rye Grass, Red, Medium and White Sweet Clover, Alfalfa, Kentucky Blue Grass and Red-Top. Sow twenty-five to thirty-five pounds to the acre. Per 100 lbs. \$16.

CHAAPEL'S GILT-EDGE SWEET PEAS

A magnificent mixture of new Spencer and Grandiflora varieties; the large-flowering kinds, most artistically frilled and waved, with long stems. No common kinds used.

This Special Mixture has in the past been more largely planted than any others, and it promises this year to be better than ever. We have been fortunate in securing a splendid stock of really new and rare sorts that will surely please you.

Our customers usually prefer a mixture where all colors are represented, the lighter shades, including pink, white and lavender, being especially prominent. We secure this most satisfactory result by blending some thirty or more of the choicest named varieties, embracing every desirable color and shade. No better Sweet Peas for general cultivation can be produced at any price.

Full ounce pkt. 10 cts., 3 ozs. 25 cts., lb. \$1

New Spencer or Orchid-Flowering

Nothing within recent years can approach in importance the introduction of the Spencer Sweet Peas. Though but a few years old they revolutionize all former conclusions. They are distinguished from the standard sorts by the enormous flowers, with crinkled and wavy petals, and also from the fact that they usually bear four blossoms on a stem.

Large pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts.

White Spencer. A magnificent clear white.

Countess Spencer. A lovely clear rose-pink, shading deeper at the edge.

Florence Morse Spencer. Delicate blush, with pink margin.

Asta Ohn Spencer. Charming soft lavender.

Elfrida Pearson. A lovely pink; buds tinted with salmon-rose.

King Edward Spencer. Bright crimson-scarlet, the best of its color.

Clara Curtis. A primrose Spencer.

Othello Spencer. Deep, rich maroon.

Superb Spencer Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades. We are sure this mixture will give absolute satisfaction. Oz. 15 cts., ¼lb. 40 cts., lb. \$1.50.

A Critical Selection of Sweet Peas

Including the best of the Large-flowering or Grandiflora type. You will find these most desirable for their rich and distinct colors.

Oz. 10 cts., 3 ozs. 25 cts., lb. 80 cts.

Apple Blossom. A lovely rose-pink.

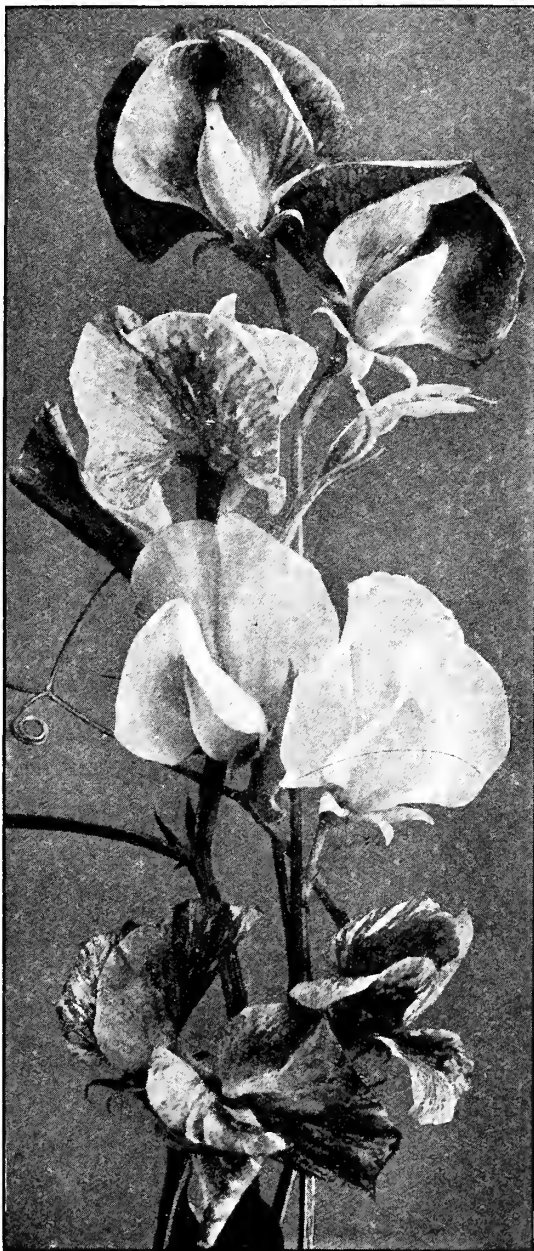
Katherine Tracy. Brilliant pink.

Lady Grisel Hamilton. A grand pale lavender; large flowers, borne four on a stem.

Navy Blue. A splendid deep indigo-blue.

Black Knight. Deep maroon.

Sweet Peas, Choice Mixed Colors. All bright colors, assorted in proper proportions, particularly pleasing and vastly superior to many mixtures sent out. Oz. 5 cts., ¼lb. 20 cts., lb. 60 cts.



Chaaapel's Gilt-Edge Sweet Peas



OUR GILT-EDGE NASTURTiums

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil, in a well-drained, sunny position, and within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, don't let them go to seed.

Our Gilt-Edge Mixtures are especially rich in brilliant colors, large flowers and free-blooming qualities.

Tall or Climbing, Choicest Mixed Varieties.

Tom Thumb Dwarf, or Bedding Varieties, Mixed. The plants grow low and bushy, but the flowers are as large as those of the climbing sorts.

Special Colors—Crimson, Scarlet, Yellow, etc.

Full oz. pkt. 10 cts., 3 pkts. 25 cts.



In growing Nasturtiums, see that the soil is not too rich. Poor soil produces the largest flowers, while in very rich soil the Nasturtium is apt to run to foliage.

LONG-BRANCHING ASTERS

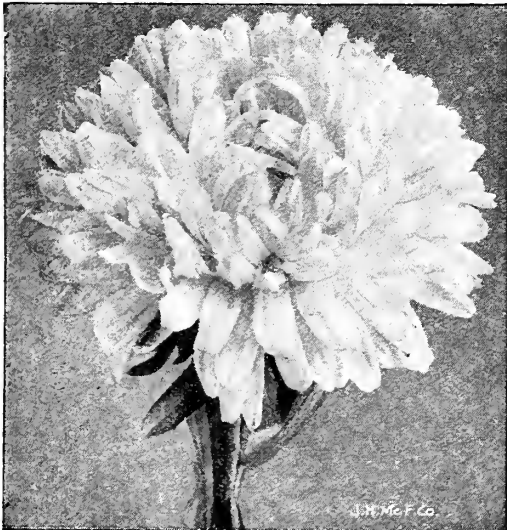
**Brilliant Flowers in Gorgeous
Masses and Beds. Beautiful as
Cut-Flowers in Vases**

This superb strain of American origin we find especially adapted to the wants of our customers to the exclusion of other equally desirable sorts. The plants form strong, branching bushes, bearing their large, handsome flowers on long, stiff stems, placing them at the head of all Asters for cutting. We offer five beautiful and distinct colors, Pure White, Shell-Pink, Deep Rose, Pale Lavender and Deep Purple. Our **Special Mixture of Giant Asters** a magnificent mixture, produces beautiful flowers, gigantic in size, gorgeous in colors, perfect in form. Our strain has been especially selected from the finest, large-sized, double-flowering types.

Large pkt. 10 cts., 3 pkts. 25 cts.,
5 pkts. 35 cts., 1/4 oz. 50 cts.; small pkt.
5 cts., 6 pkts. 25 cts.



Chaapel's Superb Long-Branching Asters



New Invincible Aster

New Crego Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance. Mixed colors. Large pkt. 10 cts.

Aster, Invincible

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a midsummer Aster. Flowers are very large, perfectly double and come on long, stout stems often 2 feet in length; plants are of branching habit; one of the best florists' Asters. Mixed colors. Large pkt., 10 cts.

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin in late summer and the late varieties carry the garden well into chrysanthemum time.

POPULAR FLOWER SEEDS

That Bloom the First Season

These are all easily grown and will bloom freely and give you a great variety of color and delightful fragrance throughout the summer season.

Except where noted, all varieties, pkt. 5 cts., 6 pkts. 25 cts.



Sweet Alyssum

ALYSSUM

One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

White Carpet. Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Oz. 50 cts.

Sweet. The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Oz. 25 cts.

ANTIRRHINUM (Snapdragon). A splendid plant for beds or borders. Mixed colors.

BALLOON VINE. A rapid-growing annual climber, with white blossoms; seed-pods look like miniature balloons.

BALSAM (Lady's Slipper). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors.

CORNFLOWER (Centaurea). These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and Kaiserblumen.

Cyanus, Blue. The favorite dark blue sort so much in demand for cutting. Oz. 30 cts.

Mixed. Blue, white, rose, etc. Oz. 25 cts.

CALLIOPSIS. Showy and beautiful free-flowering annuals. Choice mixed colors.

CANTERBURY BELLS. The seeds should be sown by mid-April. By the 15th of July the little plants should be transplanted to the places where they are to bloom the following summer.

CANDYTUFT, White Rocket. Good spikes of pure white.

Mixed Colors. Very showy. Oz. 25 cts.

EXTRA-EARLY COSMOS

Seed sown in the open ground early will produce plants completely covered with fine flowers two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, and will undoubtedly perfect their blooms in the most northerly states.

Mixed. All colors. Pkt. 5 cts., large pkt. 10 cts., 1/4oz. 25 cts.

COBÆA scandens (Cup-and-Saucer Vine). Well-known climber of rapid growth, producing large, bell-shaped, purple blossoms; in sowing, place the seeds edgewise, and merely cover with light soil. Pkt. 10 cts.

CYPRESS VINE. A very graceful, annual climber, with feathery foliage and beautiful, star-like flowers. Mixed colors.

CLARKIA. This pretty and easily grown annual has been much improved in recent years. 1/4oz. 15 cts.

CALIFORNIA POPPY (Eschscholtzia). An elegant hardy annual with fine cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot. Oz. 30 cts.

DIANTHUS, or PINKS. A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

Heddewigi fl. pl. (Double Japan Pink). Colors varying from the richest velvety crimson to the most delicate rose. Mixed, 1/4oz. 25 cts.

Heddewigi (Single Japan Pink). Finest selected single-flowered. Mixed, 1/4oz. 25 cts.

MARGUERITE CARNATIONS. These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing.

Mixed. All colors. Pkt. 10 cts., 1/4oz. 30 cts.

DOLICHOS (Hyacinth Bean). Rapid-growing climber, bearing a profusion of bean-like flowers. Choice mixed colors. Oz. 15 cts.

GOURD, Ornamental. Rapid-growing, annual climbers for covering arbors, fences, etc., with ornamental foliage and curious-shaped fruit. Oz. 20 cts.



Extra-Early Cosmos

HOLLYHOCK. One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet.

KOCHIA *tricophylla* (Summer Cypress, or Mexican Fire Bush). An easily grown annual which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet.

MOONFLOWER (*Ipomœa noctiflora*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10 cts.

MARVEL OF PERU, Choice Mixed. (Four o' Clock). Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Choice mixed colors. Height, 2 feet. Oz. 15 cts.

MORNING-GLORIES. One of the most popular annual climbers.

Choice Mixed Colors. Oz. 15 cts.

Japanese Imperial. Flowers of immense size and of a great variety of colors. $\frac{1}{2}$ oz. 15 cts.

MYOSOTIS *palustris semperflorens* (Forget-me-not). An everblooming variety, beginning in May and continuing till autumn. Large, clear blue flowers in pretty sprays. Pkt. 10 cts.

MARIGOLD, El Dorado. Popular free-blooming garden plants of the easiest possible culture. Imbricated flowers of immense size in all shades of yellow. Oz. 40 cts.

MIGNONETTE, Sweet-scented. Valuable for cutting on account of its fragrance; sow in succession during the whole summer. Oz. 15 cts.

Machet. Large, reddish tinted, sweet-scented flowers. Pkt. 10 cts., oz. 50 cts.

PANSY

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shadings.

Triumph of the Giants. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Pkt. 10 cts., oz. \$2.

Very Fine Mixed. Oz. 75 cts.

PANSY PLANTS. Strong, sturdy plants in bud and bloom, 50 cts. per doz. **Triumph of the Giants.** Specially selected, 75 cts. per doz.

PETUNIAS. Finest striped and blotched, making a grand show of color all season. Choice mixed colors. $\frac{1}{4}$ oz. 30 cts.

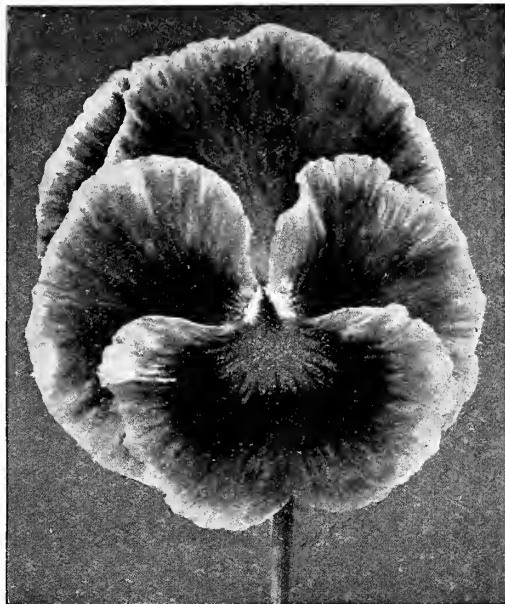
PHLOX DRUMMONDII. One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. Mixed colors. $\frac{1}{4}$ oz. 25 cts.

POPPY, Shirley. An improved strain of this lovely race of Poppies, varying in color from pure white and delicate pink to rosy carmine and deep crimson, in mixture. A bed of these Poppies produces a gorgeous effect. Mixed. Oz. 40 cts.

Carnation-flowered. Double, fringed. Mixed. Oz. 20 cts.

PORULACA, Single Mixed. Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors. Oz. 35 cts.

RICINUS (Castor-Oil Bean). These ornamental plants are used with great effect on lawns, as centerpieces in flowering beds, such as cannas, etc. Oz. 15 cts.



Pansy

SALVIA (Scarlet Sage). This popular bedding plant is impossible to be replaced. Seeds should be started either in the house from February till April, or in hotbeds.

Splendens. Tall-growing plants, with bright scarlet flowers. Height, 3 feet. $\frac{1}{4}$ oz. 50 cts.

Bonfire (Clara Bedman). Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 75c.

SUNFLOWER (*Helianthus*). **Stella.** Single; golden yellow, black center. Oz. 30 cts.

Dwarf Double. Yellow flowers. Oz. 25 cts.

Russian Mammoth. Immense, single, yellow flowers. Height, 6 feet. Oz. 10 cts.

STRAWFLOWER, or Everlasting Flowers. (*Helichrysum*.) Fine for winter bouquets.

SWEET WILLIAM (*Dianthus barbatus*). This is one of the finest of our hardy garden plants; of easy culture. Mixed colors. Oz. 30 cts.

SCARLET RUNNER BEAN. A rapid climber, 10 to 15 feet high, flowering profusely. Oz. 10c.

VERBENA. An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled.

Mammoth, Mixed Colors. Pkt. 10c., $\frac{1}{4}$ oz. 25 cts.

ZINNIA (Youth and Old Age). The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite.

Tall, Mixed Colors. Oz. 25 cts.

WILD FLOWER GARDEN

Choice Mixed Flower Seeds. A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. Large pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

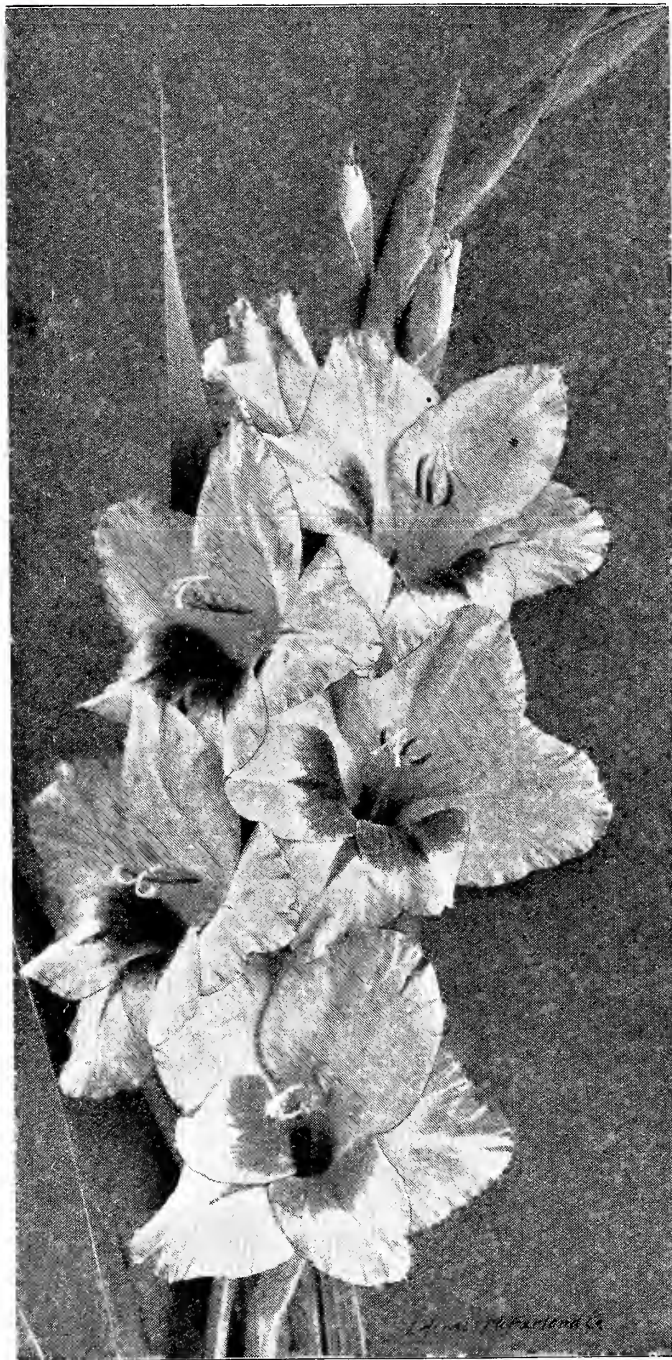
VEGETABLE PLANTS

Our connection with the market-gardeners enables us to supply plants of the best quality at reasonable prices. Let us know your wants.

NO FLOWER IS EASIER TO GROW THAN THE GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our mixture comprises only the best. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October, by

planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant 6 inches apart in beds or double rows and 3 inches deep. They are very effective when planted among roses, peonies, shrubbery, etc. Ask for leaflet.



Chaapel's Gilt-Edge Gladioli

Four Choice Gladioli

America. A beautiful flesh-pink, tinged with lavender. A variety of robust growth and easy cultivation. The flowers are very large and expanded, many being open at one time. 5 cts. each, 40 cts. per doz., \$2 per 100.

Baron Joseph Hulot. New. Deep indigo-blue, slightly marked white at the base of the throat; very attractive when arranged with yellow flowers in a vase. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

Brenchleyensis. Splendid for garden effects, as all the flowers appear at one time; vermilion-scarlet; ideal for planting in front of shrubbery. 3 cts. each, 25 cts. per doz., \$1.75 per 100.

Pink Beauty. New. Robust grower, with large, deep pink flowers, throat markings dark red. 5 cts. each, 50 cts. per doz.

Chaapel's Gilt-Edge Mixture of Gladioli

This superb mixture is composed exclusively of high-grade varieties, including many new and rare kinds. It embraces the greatest possible range of color. This mixture is our pride and contains the best large-flowering sorts. 20 cts. per doz., \$1.50 per 100.

If bulbs are wanted by parcel post add 10 cts. extra for the first dozen and 1 ct. extra for each additional dozen.



General effect of a border planted with Hardy Ornamental Grasses

HARDY ORNAMENTAL GRASSES

Well-nigh indispensable in the ornamental planting of grounds, and, when properly employed, the effects produced are very pleasing. They may be planted in masses or as single specimens upon the lawn, in the border or among the shrubbery. They are so graceful and ornamental that many nooks and corners, otherwise unsightly, may be rendered interesting and attractive by them. In autumn, each of the many tall stems is surmounted with a large feathery tuft or plume, which is attractive upon the plant and useful for winter bouquets.

Eulalia gracillima (Fountain Grass). Very graceful and airy; very narrow foliage; deep green, with silvery white midrib.

Eulalia zebrina (Zebra Grass). A curious, variegated form, having broad bands of light yellow across the light green leaves, at regular intervals.

Eulalia variegata. A most beautiful and Ornamental Grass, having leaves distinctly striped with white and more or less tinted with pink and yellow.

The above in large, home-grown clumps, 25 cts. each, 3 for 60 cts.

VARIEGATED DAY LILY

One of the most ornamental and useful of all hardy border plants; once planted it improves with age, its broad, wavy foliage, conspicuously and beautifully variegated with pure white, attracts attention anywhere. 10 cts. each, \$1 per doz.

DAHLIAS

If you want flowers of the "cut-and-come-again" kind, have a bed of Dahlias. These large, velvety textured flowers are gorgeous, and for bouquets throughout the entire summer and until cut down by frost, are not equaled by any other flower. A choice assortment of colors, and strong roots that are sure to bloom profusely this year, 15 cts. each, \$1.50 per doz.

HERBACEOUS PEONIES

Of these grand hardy plants we have some fine, home-grown plants in extra-strong, large-blooming clumps. Large; pure white, red, and various shades of pink. 35 cts. to 50 cts. each.

SINGLE HOLLYHOCKS

These are the "old-fashioned Hollyhocks," much improved in size of flower and purity of color. They are among the most stately, picturesque and decorative of hardy perennials. They flower with great freedom for a long season. In mixed colors only. Strong, field-grown roots, 10 cts. each, \$1 per doz.

GERMAN IRIS

The German Iris (*Iris Germanica*), frequently termed "Flags," is among the most showy, beautiful and valuable of early-blooming hardy perennials. It blooms with the greatest profusion in spring and early summer, the flowers resembling large orchids in their delicate, fantastic structure, and in their richness, purity and exquisite shadings of color. In addition they are more or less fragrant. The foliage is luxuriant, broad, sword-like, bluish green. These very distinct sorts are the very best and most desirable.

Canary-Bird. Pale yellow; second-early.

Florentina. Almost pure white; very early.

Madam Chereau. White, edged lavender.

Royal Blue. Very early; one of the very best.

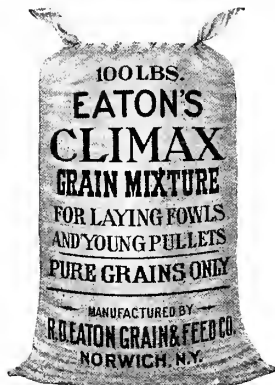
Home-grown clumps, 15 cts. to 25 cts. each, \$1.50 to \$2.50 per doz.

RUDBECKIA, GOLDEN GLOW

This hardy plant of recent introduction is entitled to rank with single hollyhocks for picturesqueness. In good soil it grows from 8 to 10 feet high, branches freely, and for two months in midsummer is literally covered with its large, bright yellow, double flowers. As a garden or lawn plant it is extremely decorative, and equally so as a cut-flower, and very lasting. Home-grown clumps, 15 cts. and 25 cts. each, \$1.50 to \$2 per doz.

Poultry-Supply Department

It is impossible to list our complete line of supplies—write for anything you need—you will get the best. The market fluctuations on grain are so erratic that it is impossible to quote prices for any length of time. These prices are subject to change without notice.



POULTRY FOODS

Eaton's Climax Mixture. Highest quality; always right; pure grains; none better. Lb. $2\frac{1}{2}$ cts., 100 lbs. \$2.40.

Ideal Mixed Grains. A good hen-food. Lb. $2\frac{1}{2}$ cts., 100 lbs. \$2.25.

Eaton's Baby Chick Life-Saver. Mixed grains for peeps. Lb. 4c., 100 lbs. \$3.

Eaton's Growing Ration. Mixed grains for growing stock. Lb. 3 cts., 100 lbs. \$2.75.

Eaton's High-Grade Pigeon-Food. Especially popular for pigeons. Highest quality. Lb. 3 cts., 100 lbs. \$2.50.

Eaton's Perfection Dry Mash. For laying fowls; nothing better. Lb. 3 cts., 100 lbs. \$2.40.

Blatchford's Egg Mash. A great egg-producer. Lb. 4 cts., 100 lbs. \$2.75.

Blatchford's Milk Mash. Best for baby chicks. Pkg. (4 lbs.) 25 cts., bulk, 5 cts. per lb.

Conkey's Starting Food. Start them right



and avoid bowel trouble. Lb. 10 cts., 3 lbs. 25 cts., $6\frac{1}{2}$ lbs. 50 cts.

Chick-Manna. Lb. 10 cts., 5 lbs. 40 cts.

Alfalfa Meal. For making mash. Lb. $2\frac{1}{2}$ cts., 100 lbs. \$1.80.

Linseed Meal. A mild laxative. Lb. 3 cts., 100 lbs. \$2.25.

Milk Albumen (Granulated Milk). A fine egg-producer. Lb. 3c., 100 lbs. \$2.75.

Darling Meat Crisps. 75 per cent protein. A great egg-producer. 3-lb. pkg. 25 cts., $6\frac{1}{2}$ -lb. pkg. 50 cts.

Meat Scraps. Lb. 4 cts., 10 lbs. 35 cts., 100 lbs. \$3.25.

Fish Scraps. Lb. $4\frac{1}{2}$ cts., 10 lbs. 40 cts., 100 lbs. \$3.75.

Bone, Fine Ground. For feeding chicks and using in the mash. Lb. 5 cts.

Bone, Coarse Ground. Fine quality. Lb. $3\frac{1}{2}$ cts.

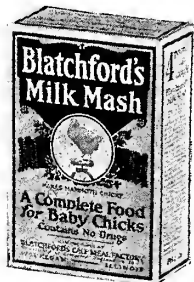
Oyster Shells, Ground. 5 lbs. 5 cts., 100 lbs. 75 cts.

Charcoal. Two grades—fine and coarse. 2 lbs. 10 cts.

Grit. Fine, medium and coarse. 5 lbs. 5 cts., 100 lbs. 75 cts.

Chaaapel's Regulator Grit. Made in two sizes, for chicks and matured poultry. All the necessary ingredients to make better and more eggs. Lb. 3 cts., 100 lbs. \$2.75.

Hen-E-T-A Bone Grit. Lb. 3 cts., 100 lbs. \$2.25.



POULTRY REQUISITES

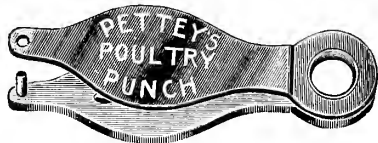
We carry a full line of galvanized ware, glassware and stoneware; drinking-fountains, galvanized grit and shell boxes; incubator lamps; Peerless, Sexton and Otis & Moe Dry-Mash Hoppers; Six-in-One Automatic Feeders. A full and complete line of Poultry Supplies. Prices on application.

Tycos Incubator and Brooder Thermometers.

Incubator Thermometers, 50 cts., 60 cts., and 75c.

Brooder Thermometers, Certified, \$1. Brooder Thermometers, 60 cts. and 75 cts.

Weather Thermometers. 75 cts. and \$1.



Petty's Poultry Punch. For marking baby chicks. 25 cts.

Leader Adjustable Aluminum Leg Bands. Doz. 15 cts., 25 for 25 cts., 50 for 45 cts., 100 for 65 cts.

Challenge Adjustable Aluminum Leg Bands. Doz. 15c., 25 for 25c., 50 for 45c., 100 for 65 cts.

Otis & Moe Self-Locking Leg Bands. Doz. 15 cts., 100 for 65 cts.

Celluloid Spiral Leg Bands. Come in all colors and sizes. Doz. 15 cts., 100 for \$1.

Humpty-Dumpty Egg Crates. 6-doz. size, 35c. ea.

Farmers' Star Egg Crates. 12-doz. size, \$1.50 each.

Parcel-Post Egg Mailing Boxes. 12-egg size, 7 cts.; 15-egg size, 12 cts.

Shipping Boxes for Chicks. 25-chick size, 15 cts.

Chaaapel's Egg-Record Card free

BIRD SEED

We carry a complete stock of clean, pure Bird Seed.

Canary (Sicily). Superior to all other varieties.

In demand by all bird dealers who desire the best grade of seed. Lb. 15 cts.

Cuttle-Bone. Important for canaries, parrots and all seed-eating birds. 5 cts.

Hemp, Russian. A very rich, oily seed, much liked by all birds. Should be fed sparingly, as it fattens the bird and injures the song. Lb. 10 cts.

Rape. Very desirable to furnish variety. Many bird fanciers feed only Canary and Rape for regular diet of canary-birds. Lb. 15 cts.

Mixed Seed for Canaries. All clear, plump seed in the proportions called for by experienced bird fanciers. This you will find more economical than package seed. Lb. 10 cts.

Mammoth Russian Sunflower. Most important food for parrots. Very nutritious and is liked by all large seed-eating birds. Can be fed freely at all times. Lb. 10 cts., 3 lbs. 25 cts.

Lettuce Seed. Oz. 5 cts., $\frac{1}{4}$ lb. 10 cts., lb. 20 cts.

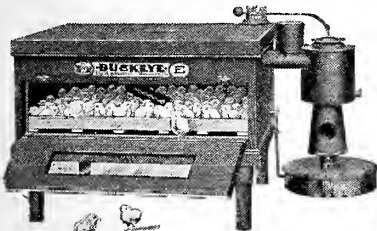
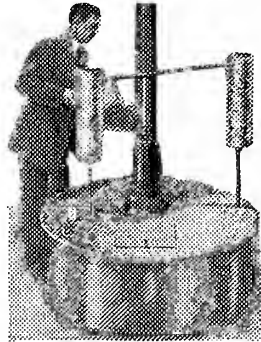
AT LAST— The Colony Brooder With Hot-Water Heat

A down-to-the-minute machine, combining every feature which experienced poultry-growers seek. Portable, safe, heated by hot-water coils, burns coal, self-feeding, self-regulating, easy to manage, inexpensive to operate, keeps the chicks comfortable day and night. It reduces cost, lessens labor, eliminates worry, increases profits. The

BLUE HEN COLONY BROODER

is right in principle and construction. Will last for many years and give continuous satisfaction. It is the only Colony Brooder having hot-water heat, the most pleasant and healthful heat for chicks. Made in two sizes—capacity up to 500 chicks, \$30; capacity up to 1,500 chicks, \$35.

Our new "Handbook of Brooding" is the only book on the successful rearing of chicks in large flocks. Write today for copy. Mailed free.



Style E, Capacity 60 eggs
Price, \$7.50

Style E. Capacity 60 eggs.....	\$7 50
Style H. Capacity 60 eggs.....	10 00
No. 60. Capacity 60 eggs.....	14 00
No. 1. Capacity 110 eggs.....	18 00
No. 2. Capacity 175 eggs.....	23 00
No. 3. Capacity 250 eggs.....	30 00

BUCKEYE INCUBATORS

Sold On 40 Days' Trial

With An Absolute Guarantee TO HATCH EVERY HATCHABLE EGG

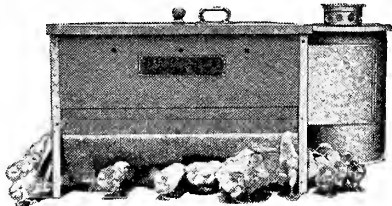
The Only Perfect ARTIFICIAL MOTHER Ever Invented

No. 4. Capacity 350 eggs.....	\$35 00
No. 5. Capacity 600 eggs.....	56 00

Anybody can hatch chickens with a "Buckeye." Approved by the National Board of Fire Underwriters. Buckeye catalogue on request.



Outdoor Brooder, Klose-Kontakt Type, in operation.
Price, complete, \$16



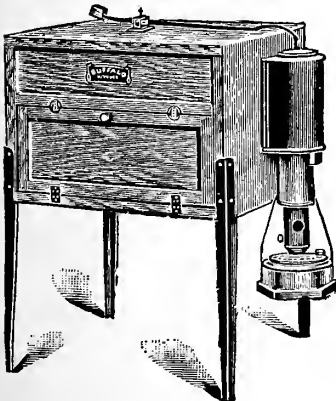
Portable Hover, Klose-Kontakt Type, in operation
Prices, \$9.50 and \$12

THE BUFFALO INCUBATORS AND BROODERS

The Buffalo Incubators and Brooders are hot-air machines, fully guaranteed, and we can recommend them to our customers without reservation. Catalogue of these machines sent on request.

The Buffalo Incubators

No. 0. Capacity 50 to 60 eggs.....	\$10 50
No. 1. Capacity 110 to 120 eggs.....	14 50
No. 2. Capacity 220 to 240 eggs.....	19 00
No. 3. Capacity 340 to 360 eggs.....	24 00
No. 4. Capacity 390 to 400 eggs.....	30 00



The Buffalo Colony Brooder

Size over all, 3x6 feet. Shipping weight, 150 lbs. Price, complete, \$14.

The Buffalo Handy Hover

It is complete in itself, and you can use it in any convenient room, spare pen or coop. Ask for circular. Price, complete, \$8.



CONKEY'S POULTRY REMEDIES AND INSECTICIDES

Poultry cannot be profitable unless they are in a healthy condition. We offer a specific remedy for each disease. The importance of prevention by the use

of a germicide, like Nox-i-cide, should not be underestimated. This line is complete and very reliable.

Conkey's Roup Remedy. For fowls that sneeze, gape and wheeze, also have a watery discharge from the nostrils and eyes. Follow directions on each box and the cure will be effected. Three sizes, 25 cts., 50 cts. and \$1, postpaid.

Conkey's Cholera Remedy. Place in drinking-water. Directions on every box. Two sizes, 25 cts. and 50 cts., postpaid.

Conkey's Lice Powder. Will successfully kill body lice on fowls. 5-oz. package 10c. (postpaid 15 cts.), 15-oz. pkg., 25 cts. (postpaid, 40 cts.).

Conkey's Lice Liquid. Will kill mites and acts as a disinfectant. Applied to walls, roosts and crevices with a brush or sprayer. Qt. 35 cts., ½-gal. 60 cts., gal. \$1.

Conkey's Poultry Tonic. For fowls run down, off feed, recovering from disease or during molting season. 25 cts. (postpaid, 30 cts.).

Conkey's Poultry Laxative. Very effective and convenient to use. 25 cts., postpaid.

Conkey's Laying Tonic. Not a food, but a medicinal preparation to increase egg-production. Keeps hens in the best laying condition. 1½ lb. package, 25 cts., 3¼-lb. pkg. 50 cts., 7-lb. pkg. \$1, 25-lb. pail \$3.

Conkey's Nox-i-cide. A wonderful disinfectant and germicide. Fine for many purposes—cleaning incubators and brooders, washing founts and troughs and spraying wherever germs are present. Pt. 35 cts., qt. 60 cts., ½gal. 90 cts., gal. \$1.50.

Conkey's Bronchitis Remedy. 50 cts., postpaid.

Conkey's Chicken Pox Remedy. 50 cts. (postpaid 55 cts.).

Conkey's Limber Neck Remedy. 50 cts. (postpaid 55 cts.).

Conkey's Rheumatic Remedy. 50 cts. (postpaid 55 cts.).

Conkey's Black Head Remedy. 50 cts., postpaid.

Conkey's Poultry Worm Remedy. 50c. postpaid.

Conkey's White Diarrhea Remedy. 50 cts., postpaid.

Conkey's Fly Knocker. Qt. 35 cts., ½gal. 60 cts., gallon \$1.

Conkey's Scaly Leg Remedy. 50 cts. (postpaid 55 cts.).

Conkey's Gape Remedy. 50 cts. (postpaid 60c.).

Conkey's Healing Salve. 25 cts. postpaid.

Conkey's Head-Lice Ointment. 1 oz. 10 cts., 3 ozs. 25 cts., postpaid.

Conkey's Starting Food. For chicks. A balanced food for the first three weeks. Lb. 10 cts., 3 lbs. 25 cts., 6½ lbs. 50 cts.

Conkey's Poultry Book Sent Free. A most valuable help. Every poultry-raiser should have it.

Conkey's Salt-em. A medicated stock salt, for worms in all kinds of stock. A great conditioner. 10 lbs. 75 cts., 20 lbs. \$1.25, 40 lbs. \$2.25. **Salt-em Book Free.**

Conkey's Stock Remedies. They are good; give them a trial. Come in packages, for 25 cts., 50 cts. and \$1.

Sal-Vet. A great stock conditioner. Rids stock of worms. An all-round conditioner. 10 lbs. 75 cts., 20 lbs. \$1.25.

BLATCHFORD'S CALF MEAL

The Complete Milk-Equal

This is in reality a substitute for milk, and should not be considered as an ordinary "feed" or "meal."

It contains all the elements of milk, and when properly prepared becomes a "baby food" for calves and colts.

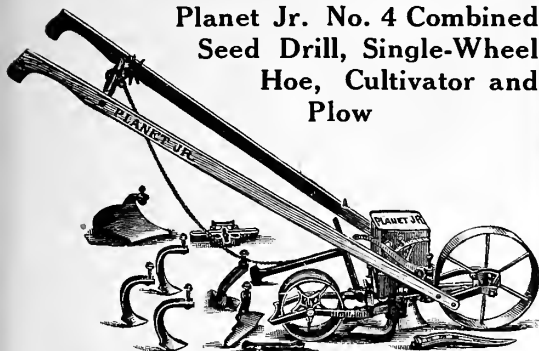
It is just the thing for weaning calves as soon as they can be taken away from the cow. Then all the milk may be sold and you get the benefit of the high creamery prices.

It is absolutely the only milk substitute that contains all the elements necessary for rapid and healthy growth, and the only Calf Meal that is thoroughly cooked and prepared for digestion. Will push calves and colts forward better and quicker than any other food. 100 pounds makes 100 gallons of complete milk-equal. 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

Planet Jr. Farm and Garden Tools

NO BETTER GARDEN TOOLS IN THE WORLD. OUR PRICES AS LOW AS ANY

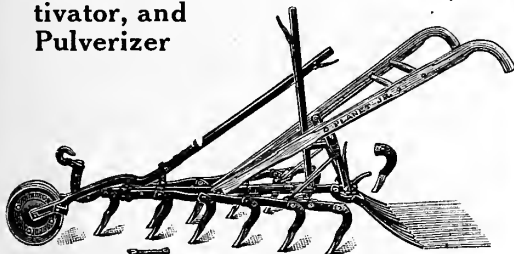
Planet Jr. No. 4 Combined Seed Drill, Single-Wheel Hoe, Cultivator and Plow



This is the most popular combined tool made. It combines in a single implement a first-class Hill-dropping Seeder, a Single-Wheel Hoe or Weeder, a Cultivator and Plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The Drill is detached and the tool frame substituted by removing but one bolt. It then becomes a Single-Wheel Hoe. Price, \$10.50. As a Drill, \$8.50.

Planet Jr. Twelve-Tooth Harrow, Cultivator, and Pulverizer



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to the row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry-growers, market-gardeners and truckers.

Complete, with Steel Wheel, \$9.25. Weight, packed, 73 lbs. Without pulverizer, \$7.65. Without pulverizer or wheel, \$6.20. Fitted with Cast Wheel, deduct 25 cts.

No. 13 Planet Jr. Double-Wheel Hoe

Two 6-inch Hoes only.

Price, \$4.75

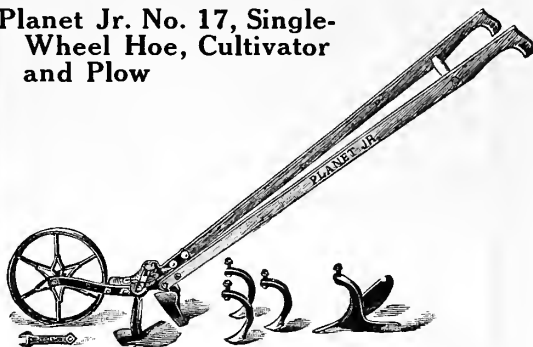
No. 16 Planet Jr. Single-Wheel Hoe, Cultivator, Rake and Plow

Price, \$5.85

No. 11 Planet Jr. Double-Wheel Hoe, Cultivator, Plow and Rake

Price, with attachments, \$9

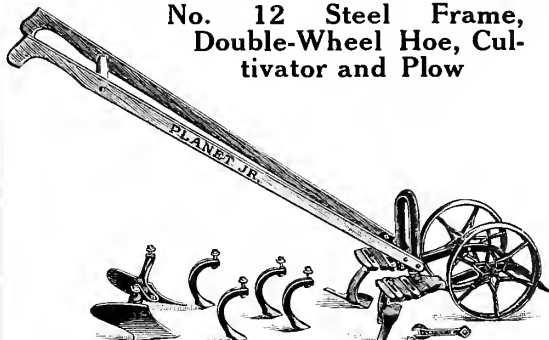
Planet Jr. No. 17, Single-Wheel Hoe, Cultivator and Plow



For easy gardening, and at the same time clean and perfect gardening, no tool is the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch Hoes, a Plow and a set of Cultivator Teeth; an outfit sufficient for garden work.

Other attachments can be added at any time. Price, \$4.75.

No. 12 Steel Frame, Double-Wheel Hoe, Cultivator and Plow



This tool has one pair Plows, one pair Hoes, four Cultivator Teeth and a pair of Leaf-Lifters. The tools sold with No. 12 are what gardeners use most, and the others can be added as wanted. Price, \$6.50. Weight, 33 pounds.

No. 25 Planet Jr. Combined Hill and Drill Seeder and Double-Wheel Hoe, Cultivator and Plow

Price, \$13.50

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

Price, with Steel Wheel, \$9.25; with Cast Wheel, \$9

No. 72 Planet Jr. Two-Row, Pivot-Wheel Cultivator, Plow, Furrower and Ridger

Price, \$52.50

No. 76 Planet Jr. Pivot-Wheel Riding Cultivator, Plow, Furrower and Ridger

Price, \$48



Gould's Fruital Barrel Pump

Spray Pumps, Nozzles and Fixtures

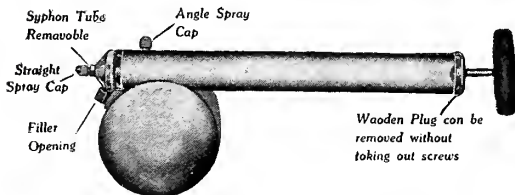
Send for Special Pump Catalogue. We can save you money. We have a complete line of supplies, and can fill your wants promptly.

GOULD POMONA BARREL SPRAY PUMP. Large size. Bronze parts, agitators and 15 feet of hose, complete, \$13.

GOULD'S FRUITAL BARREL PUMP. All bronze parts; complete, with 15 feet of hose, \$8.50.



Gould's Pomona Barrel Spray Pump



Automatic Compressed-Air Sprayer

The most practical Bucket Pump for one person to use. All brass and of excellent value. Just the thing for the man with a small fruit-garden, a few greenhouses, or a hen-house that needs spraying. Complete with hose and nozzle. Throws three different sprays. \$3.50.

The Auto Spray

Now used by all leading florists and fruit-growers. It operates with compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, forty pounds.

No. 1-A, Brass. Equipped with hose and regular nozzle, \$6.50.

No. 1-B, Brass. Equipped with hose and Auto-Pop attachment, \$7.

No. 1-C, Galvanized Iron. Equipped with hose and regular nozzle. \$4.50.

No. 1-D, Galvanized Iron. Equipped with hose and Auto-Pop, \$4.95.

MISTRY JR. SPRAY NOZZLES. Angle, 60 cts.; straight, 50 cts.

BAMBOO EXTENSION RODS. With connections. 4-ft. \$2, 6 or 9 ft. \$3 ea.

BRASS EXTENSION RODS. 3 feet long. 50 cts.

A Complete Line of other Nozzles and Connections.

Rubber Plant Sprinklers

Straight Neck, No. 4. 65 cts.; postpaid, 75 cts.



Cyclone Broadcast Seeder

Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$1.75.

Acme Corn Planter

Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. The foot is made of polished steel. It is well made, strong, durable, reliable and gives universal satisfaction. Price, \$1.

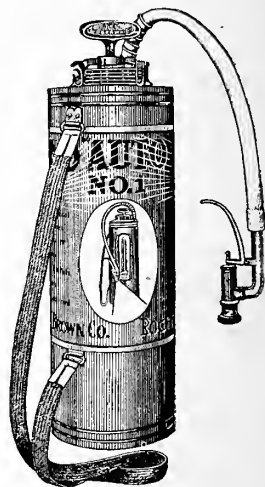


Dibber

Dibber

Iron handle, steel point. Very strong. All in one piece. Price, 35 cts.

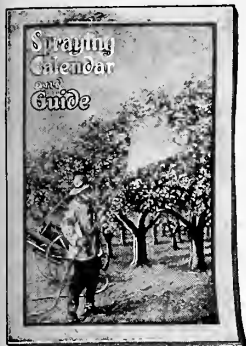
We do not handle commission seeds. All seeds are put up by us in beautiful lithograph packets, with cultural directions on the back. Chaapel's Seeds are sold in bulk, and liberal-sized packets are put up by us for 5 cts.



Auto Spray showing Auto-Pop attachment

INSECT DESTROYERS

PRICES SUBJECT TO
MARKET CHANGES



Arsenate of Lead. (The S.-W. Co. Brand.) For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds; especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes one pound to twenty-five gallons of water. Lb. 25 cts., 5 lbs. 95 cts.

Arsenate of Lead, Powdered. (The S.-W. Co. Brand.) This form of Arsenate is extensively used. It is instantly soluble in water and a pound thereof goes almost twice as far as two pounds of paste Arsenate. One pound dilutes to fifty gallons of water. Lb. 35 cts., 5 lbs. \$1.50.

"Black Leaf 40." A concentrated solution of nicotine sulphate; an excellent spray for black aphids, and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. $\frac{1}{2}$ lb. 85c.

Bordeaux Mixture, Paste. Used principally for mildew, blight and fungous diseases that affect potatoes, fruit trees, etc. Lb. 20 cts., 5 lbs. 65 cts.

Bordeaux Mixture, Dry Form. Used for mildew, blight and fungous diseases that affect potatoes and fruit trees. Lb. 25 cts., 5 lbs. \$1.15.

Bug Death. Largely used instead of paris green. It is claimed to have the same effect. It comes in powder form, and is applied pure. Not poisonous to persons. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts.

Special Shaker, for Bug Death, 25 cts.

Carbondale Hydrometers. These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur Solution; one should be in the hands of every man who uses this material.

Prof. Surface's Specifications, 85 cts. (ppd. \$1).

Prof. Stewart's Specifications, \$1.25 (ppd. \$1.40).

Conkey's Fly Knocker. For keeping flies from cattle and horses. Increases the milk flow in fly-time. Spray in the morning before taking stock from barn. Qt. 35 cts., gal. \$1.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Gal. \$1.50.

Grape Dust. A powder preparation used for mildew, aphids, black fly and other insects and fungous diseases, principally in greenhouse. Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 65 cts., 25 lbs. \$1.50.

Formalin. (Formaldehyde, 40 per cent.) A valuable disinfectant for destroying germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats, use one pint of formalin to fifty gallons of water and soak ten minutes. For potatoes use one pint to thirty gallons and soak two hours. Pt. 35 cts., qt. 60 cts.

Hellebore. The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. $\frac{1}{4}$ lb. 10 cts.

Lime-Sulphur. For destroying San José scale. This is a concentrated form. Gal. 25 cts. Special price by the barrel.

Lime-Sulphur, Dry Powder Form. Powdered Lime-Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water. Lb. 10 cts., 100 lbs. \$8.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, one pound in fifty gallons of water, or with land plaster at the rate of one pound Paris Green to 100 pounds of land plaster. $\frac{1}{4}$ lb. 10 cts., $\frac{1}{2}$ lb. 15 cts., lb. 30 cts.

Slug-Shot. The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects that infest the vegetable- or flower-garden. Canister 15 cts., 5 lbs. 30 cts., 10 lbs. 50 cts.

Tobacco Dust. For dusting only; excellent for lettuce and other plants, to destroy soft, creeping insects. Lb. 10 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 100 lbs. \$3.50.

Sulpho-Tobacco Soap. 4-oz. pkg. 10 cts.

Whale- or Fish-Oil Soap. For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San José scale exists. Dissolved in water according to various purposes. $\frac{1}{2}$ lb. 10 cts., lb. 15 cts.

Rose Nicotine. For spraying rose bushes, sweet peas and other flowers and vegetables for the aphids and other soft-bodied plant lice. Small bottle 10 cts., cans 25 cts. and 50 cts.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Insects and other crawling pests cannot get over it. Lb. 30 cts., 3-lb. can 85 cts., 10-lb. can \$2.65.

Tuber Tonic. (The S.-W. Co. Brand.) In powder form, a combination of bordeaux mixture, arsenate of lead and paris green, dissolves readily in water. A combination spray for insects, blights and diseases of the potato and all vegetables. Lb. 35 cts. Prices on larger quantities on request.

FERTILIZERS

Our list embraces the very best and most modern kinds. We are headquarters in Williamsport, and can quote you special prices on carload quantities. ALL PRICES SUBJECT TO MARKET CHANGES

We are agents for the Coe-Mortimer Fertilizer Co., and are qualified and equipped to handle your orders in a good and satisfactory manner. On account of the shortage of potash, we advise our customers to order early.

Columbia Corn and Potato Special. (1½-9-2.) 25 lbs. 60 cts., 50 lbs. \$1, 100 lbs. \$1.50, 200 lbs. \$2.75, ton \$26.

Gold Brand. (3-8-3.) Standard market-garden fertilizer for all truck and garden crops. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 200 lbs. \$3.75, ton \$32.

Corn King. (3-10-3.) The best all-round Fertilizer for growing corn and vegetables; high in the necessary elements required by plants. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 200 lbs. \$3.75, ton \$34.

Pennsylvania Grain Special. (1-8-3.) Unsurpassed for all cereals. Contains the minimum amount of potash found in any commercial brand offered this season. 100 lbs. \$1.50, 167 lbs. \$2.30, ton \$25.

Gold Brand Excelsior Guano. (Truckers' Special).

The best Fertilizer for the truck-patch or garden; combines every element of plant-food; valuable for all vegetable crops. Note the high analysis: 3 per cent ammonia, 8 per cent available phosphoric acid, 6 per cent potash. Limited supply. 100 lbs. \$2.25.

Bone Meal. Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 200 lbs. \$3.50, ton \$32.

Acid Phosphate. A most convenient form to handle; 14 per cent actual phosphoric acid. Original bags of 200 lbs. \$1.60, ton \$14.

Dried Blood. 16 per cent ammonia. 200-lb. bag \$6.80, ton \$65.50.



We Are Headquarters for SHEEP'S HEAD BRAND PULVERIZED SHEEP MANURE

This is probably the most extensively used of animal manures by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development. It is prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure Fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

The advantages of Pulverized Sheep Manure in the greenhouse and market-garden has made it a standard all over the country. Its absolute purity, freedom from weeds, convenient, highly concentrated form, make it almost indispensable. For the lawn, fruit- and vegetable-garden and grain in the field there is nothing equal to it. It has all the advantages of stable manure in concentrated form, and is used direct in the hill or row at planting-time or broadcasted after plowing and harrowed in. It makes available for plant growth much dormant fertility already in the soil, and starts the young plants off strong and vigorous. It increases both quality and yield of all field crops, and is especially valuable to the market-gardener for top-dressing during the growing season. Use ten pounds to every 150 square feet (10 x 15 feet), 1,000 lbs. to the acre.

5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$8.75, ton \$25. Ask for booklet.

NITRATE OF SODA

This is the most soluble and quickly available form of nitrogen or ammonia. It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, tomatoes, potatoes and similar crops, as well as for grass and grain. It can be advantageously used as a top-dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some Nitrate of Soda on hand, and use it whenever they want to promote a quick, strong growth in plants. A little Nitrate dissolved in water at the rate of about a tablespoonful (one ounce) to two gallons of water will stimulate a rapid growth either when applied to plants in frames, greenhouses or the open ground. If your plants don't grow well, try a little Nitrate on them—but don't use too much.

5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 200 lbs. \$5.50, ton \$54.

The Evergreen Sweet Fodder Corn

All farmers who keep cattle should sow **Evergreen Sweet Fodder Corn**.

All farmers who keep hogs, poultry or sheep should sow **Dwarf Essex Rape**.

And every farmer who keeps either cattle or sheep should sow **Canada Field Peas**.

The necessity for green fodder is becoming more apparent each year to all dairymen and stock-raisers, and the demand for it is increasing in proportion as the ability of our overtaxed lands to supply sufficient pasturage decreases.

Evergreen Sweet Fodder Corn is generally acknowledged to be superior to all other brands of Ensilage Corn, as it grows to an immense size, with an abundance of leaves, and the large juicy stalk is so very sweet and nutritious that cattle will eat every part of the stalk and leaves with relish. It is not only valuable as a green fodder when pastures are bare, but can be preserved for winter feeding as well.

Dwarf Essex Rape is not only valuable for pastures, but is most excellent for green manuring. There is no plant which will give as heavy a yield of forage at so small a cost as this.



THE CHEMICAL VALUE OF GREEN MANURE

Legumes are those plants which have the power to collect nitrogen from the air and deposit it in the soil for future crops. It pays to grow your fertilizers. The following quotations on the value of cover-crops as green manure was taken from the Pennsylvania State Bulletin and other authorities; values based on average yield by the acre.

Vetch and Rye. Sow July to September, 30 to 40 lbs. to the acre.....\$25 00
Rape, Dwarf Essex. Sow May to September, 7 to 10 lbs. to the acre..... 24 00
Soy Beans. A warm weather plant. Sow in June, 1 to 1½ bus. to the acre..... 20 00
Cowpeas. A warm weather plant. Sow in June, 1 to 1½ bus. to the acre..... 19 00

Canada Field Peas and Oats. A cool weather plant. Sow in April.....\$22 00
Cow Horn Turnips. Makes a good humus crop. Sow 3 to 5 lbs. to the acre..... 21 00
Crimson Clover. Broadcast, 18 to 20 lbs. to the acre in July..... 22 00
Red Clover. The farmers' standard crop only... 18 00

REFERENCE TABLE

Quantity and Seed Requisite to Produce a Given Number of Plants and Sow an acre

	Weight Per Bus.	Quantity Per Acre		Weight Per Bus.	Quantity Per Acre
Asparagus, 1 oz. to 800 plants....		1 lb.	Leek, ½ oz. to 100 ft. of drill....		4 lbs.
Barley.....47 lbs.		2½ bus.	Lettuce, ¼ oz. to 100 ft. of drill..		3 lbs.
Beans, Dwarf, 1½ pts. to 100 ft. of drill.....		1 bus.	Melon, Musk, 1 oz. to 100 hills .		3 lbs.
Beans, Pole, 1½ pts. to 100 hills.		½ bus.	Melon, Water, 4 oz. to 100 hills .		3 lbs.
Beet, Garden, 1 oz. to 100 ft. of drill.....		7 lbs.	Millet.....50 lbs.	40 to 50 lbs.	
Beet, Mangel, 1 oz. to 100 ft. of drill.....		6 lbs.	Nasturtium, 2 oz. to 100 ft. of drill.....		15 lbs.
Broom Corn.....10 lbs.			Oats.....32 lbs.	2 bus.	
Brussels Sprouts, 1 oz. to 3,000 plants.....		4 ozs.	Okra, 1½ oz. to 100 ft. of drill....		8 lbs.
Buckwheat.....48 lbs.		½ bus.	Onion Seed, ½ oz. to 100 ft. of drill.....		4 to 5 lbs.
Cabbage, 1 oz. to 3,000 plants....		4 ozs.	Onion Seed, for Sets.....	40 to 80 lbs.	
Carrot, ¼ oz. to 100 ft. of drill....		2½ lbs.	Onion Sets, 1 qt. to 20 ft. of drill..		8 bus.
Cauliflower, 1 oz. to 3,000 plants.		4 ozs.	Parsnips, ¼ oz. to 100 ft. of drill..		3 lbs.
Celery, 1 oz. to 15,000 plants....		4 ozs.	Parsley, ¼ oz. to 100 ft. of drill .		3 lbs.
Clover, Alfalfa.....60 lbs.	20 to 25 lbs.		Peas, Garden, 1 pt. to 100 ft. of drill.....		2 bus.
Clover, Alsike and White Dutch...60 lbs.	6 lbs.		Peas, Field.....60 lbs.	2 bus.	
Clover, Large Red; Crimson....60 lbs.	8 lbs.		Pepper, 1 oz. to 1,500 plants....		3 ozs.
Clover, Medium.....60 lbs.	12 lbs.		Potatoes.....60 lbs.	8 bus.	
Clover White Sweet (unhulled)...33 lbs.	30 to 40 lbs.		Pumpkin, ½ qt. to 100 hills....	4 to 5 lbs.	
Clover, White Sweet (hulled)...60 lbs.	20 to 30 lbs.		Radish, 2½ oz. to 100 ft. of drill... 10 to 12 lbs.		
Corn, Sweet, ¼ pt. to 100 hills... 5 qts.			Rape, Dwarf Essex.....50 lbs.	6 to 8 lbs.	
Cowpeas.....60 lbs.	1 to 2 bus.		Rye.....56 lbs.	1½ bus.	
Cucumber, 1 oz. to 100 hills.... 3 lbs.			Salsify, ½ oz. to 100 ft. of drill... 8 lbs.		
Eggplant, 1 oz. to 2,000 plants... 4 ozs.			Soy Beans.....60 lbs.	1 to 1½ bus.	
Endive, ¼ oz. to 100 ft. of drill... 4½ lbs.			Spinach, ½ oz. to 100 ft. of drill.. 8 lbs.		
Grass, Blue, Kentucky.....14 lbs.	2 bus.		Summer Savory, 1 packet to 100 ft. of drill.....	¾ lb.	
Grass, Hungarian.....50 lbs.	½ bus.		Squash, Summer, 4 ozs. to 100 hills.....	3 lbs.	
Grass, Mixed Lawn.....	3 to 5 bus.		Squash, Winter, 8 ozs. to 100 hills	3 lbs.	
Grass, Orchard, Perennial Rye, Red-Top.....	2 bus.		Sweet Peas 1 oz. to 10 ft. of drill..		
Grass, Red-Top, Fancy Clean... 8 to 10 lbs.			Tomato, 1 oz. to 2,500 plants....	2 ozs.	
Grass, Timothy.....45 lbs.	¼ bus.		Turnip, 1 oz. to 250 ft. of drill... 1½ lbs.		
Kale, 1 oz. to 3,000 plants..... 4 ozs.			Vetch, Winter (with ½ bus. Rye)...60 lbs.	30 to 40 lbs.	
Kohlrabi, ½ oz. to 100 ft. of drill... 4 lbs.			Wheat.....60 lbs.	1¼ bus.	



THE HOME VEGETABLE-GARDEN

GROW VEGETABLES FOR
PLEASURE AND PROFIT

"A GOOD GARDEN IS WORTH ONE HUNDRED DOLLARS TO ANY FAMILY"
BESIDES, GARDENING BRINGS YOU EXERCISE, RECREATION, FOOD AND PROFIT

In view of the present disturbed conditions, closer economies must be practised. To accomplish this, why not plant a garden this year; the cash outlay is small—the returns enormous.

Our aim is to supply particular people with trustworthy seeds, only the most satisfactory varieties—the "tried-and-true" kinds.

If you are interested in growing your own vegetables, and feel you need information on the subject, why not consult us? We are in a position to offer suggestions and advice. Write or ask for our leaflet on "How to Plant Your Garden."

CHAAPEL'S SEED STORE

BELL PHONE 694-B2
UNITED PHONE 523-Z

41 EAST THIRD STREET
WILLIAMSPORT, PA.